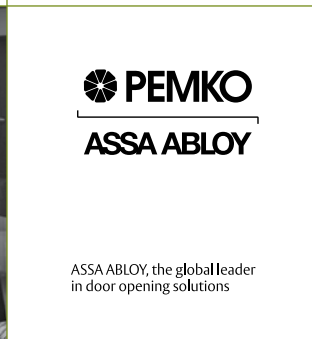
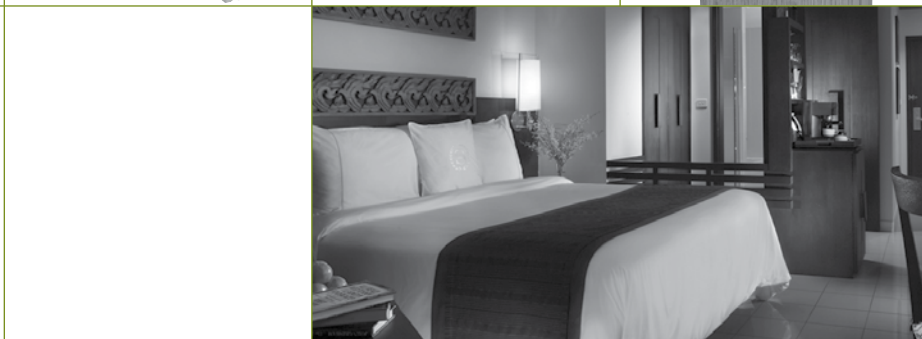
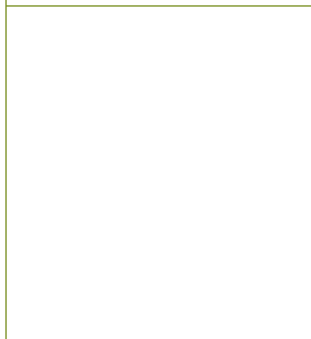
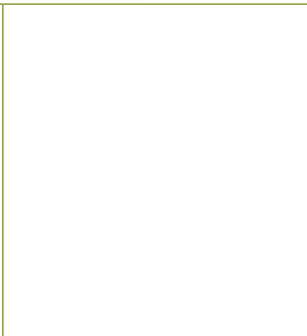
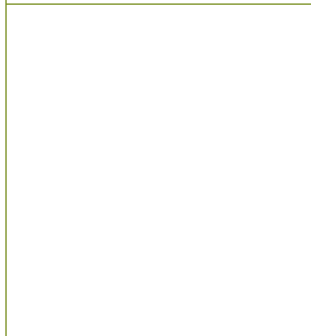
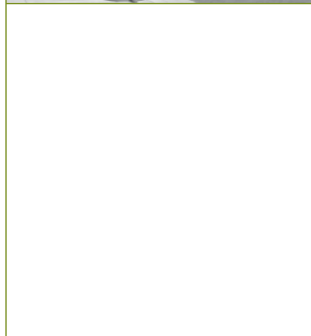
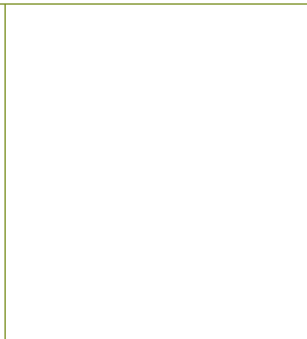




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74518	RT-11	DELLH	SF-9	G-15	LL-7	HS2-50PK	DA-6	NL1678	PG-12
75	PG-12	DELRH	SF-9	G-2	LL-7	HS3-50PK	DA-6	OAK349-96	AM-8
75518	RT-11	DT1-50PK	DA-9	G-3	LL-7	HS4-50PK	DA-6	OS_FM	PH-6
845I	RT-13	DT3-50PK	DA-9	G-4	LL-7	HSS1000	AG-4	OS_HS	PH-6
8452	RT-13	DT4-50PK	DA-8	G-5	LL-7	HSS2000	AG-4, LL-15	OS4301	DB-4
8/10/75 HUSKY		DT5-50PK	DA-8	G-6	LL-7	HSS2000xS44	AG-4	OS4343	DB-4
	SF-20, SF-25	E197	CT-21	G-8	LL-7	HSS2000xS88	AG-4	OS95518	RT-11
75518	RT-11	E199	SP-3	G-9	LL-7	K_FM	PH-9	P240	WP-2
84518	RT-12	EA1-25PK	DA-6	GS1-20PK	DA-3	K1077C-SWEP	SF-2	P241	WP-2
85518	RT-12	EL-CEPT	SP-4	GS2-20PK	DA-3	K134EP	SF-4, SF-7, SF-25	P241-30	WP-2
89/2N	SF-10, SF-19	EL-EPT	SP-4	GS3-20PK	DA-3	K28_-SWEP	SF-5	P242	WP-2
90041	BR-4	EL-EPT-SC	SP-4	GS4-20PK	DA-3	K411	DB-3	P243	WP-2
90062	BR-4, DB-13	EXT3/4	RT-13	H100/200 Pack	SF-4, SF-6, SF-25	K412PA	DB-3	P244	WP-2
90100	BR-4, DB-13	EXT2	RT-13	H1100A-OH	SF-18	K412PG	DB-3	P260	WP-2
90137	BR-4	EXT3	RT-13	H1100A-SW	SF-19	K412PD	DB-3	P261	WP-2
93518W	RT-10	EL-EPTL	SP-4	H180A	SF-2	K420	DB-3	P262	WP-2
94518	RT-9	EPD1	DB-14	H200A	SF-4	K430MPA	DB-3	P263	WP-2
94A	SF-2-SF-8, SF-10 - SF-19	EPD2	DB-14	H222-45	SF-2, SF-3, SF-21	K430MPD	DB-3	P264	WP-2
	SF-22 - SF-24, SF-25	F134	SF-6, SF-25	H300S-OH	SF-10	K430PA	DB-3	P265	WP-2
95518	RT-9	F134C	SF-2-SF-4, SF-7	H300S-SW	SF-11	K430PD	DB-3	P266	WP-2
971A	SF-2, SF-4, SF-7, SF-8, SF-10, SF-12, SF-14, SF-16, SF-18, SF-22 - SF-25	F136	SF-20, SF-25	H440A-OH	SF-12	LA1-25PK	DA-6	P361V16	WP-4
99	DB-12	F160C	SF-12	H440A-SW	SF-13	LF1-25PK	DA-5	P364R16	WP-4
ACP112	SP-3	F160ECP	SF-12	H600S-OH	SF-14	LF2-25PK	DA-5	P365V16	WP-4
ADJ232V14	CT-19	F200C	SF-13	H600S-SW	SF-15	LF3-25PK	DA-5	P366V16	WP-4
		F200ECP	SF-13	H800S-OH	SF-16	LF4-50PK	DA-4	P380	WP-3
		FG3000S45	LL-10 - LL-13, LL-16	H800S-SW	SF-17	LF5-25PK	DA-5	P381	WP-3
		FG3000S90	LL-10, LL-15	HBP200A	SF-6	LF6-25PK	DA-5	P384	WP-3
						LH100	SF-8	P385	WP-2

Product Index

Product	Index	Product	Index	Product	Index	Product	Index	Product	Index
P386	WP-2	PV11GR36	WP-4	R1OSMR	MR-3	SA2	DB-7	XW4-100PK	DA-3
P387	WP-3	PV13GR36	WP-4	R1OSS	MR-4	SA3	DB-7	XW5-100PK	DA-3
P388	WP-3	PV15GR36	WP-4	R1OSSMR	MR-4	SA4	DB-7	XW6-100PK	DA-3
P390	WP-2	PV22BL36	WP-4	R2.25F	MR-2	SB1-25PK	DA-5	XW7-100PK	DA-3
P391	WP-2	PV22GR36	WP-4	R2.25FMR	MR-2	SB2-25PK	DA-5	XW8-100PK	DA-3
P392	WP-2	PV64GR36	WP-4	R2F	MR-2	SB3-25PK	DA-5	XW9-100PK	DA-3
P393	WP-2	PV83TN36	WP-4	R2FMR	MR-2	SB4-25PK	DA-5	ZA5-100PK	DA-2
P394	WP-2	PV9BL36	WP-4	R2OS	MR-3	SB5-25PK	DA-5	ZA6-100PK	DA-2
P396	WP-2	PV9GR36	WP-4	R2OSMR	MR-3	SBR.5F	MR-9	ZA8-100PK	DA-2
P397	WP-2	Q102	PG-8	R2OSS	MR-4	SBR.5FMR	MR-9		
P398	WP-2	Q103	PG-8	R2OSSMR	MR-4	SBR1F	MR-9		
P39C17	WP-3	Q106	PG-8	RAMP 1	MR-5	SBR1FMR	MR-9		
P39C180	WP-3	Q107 AM-12, PG-8, RT-13		RAMP 11	MR-5	SHS80	SF-3		
P480	WP-3	Q108 AM-10, PG-8		RAMP 12	MR-5	SIM100	SF-7		
P484	WP-3	R.5F	MR-2	RAMP 13	MR-6	SIM200A	SF-7		
P485	WP-3	R.5FMR	MR-2	RAMP 14	MR-6	SIRF/2500	SF-9		
P490	WP-2	R.5OS	MR-3	RAMP 2	MR-6	SIRLH	SF-9		
P491	WP-2	R.5OSMR	MR-3	RAMP 3	MR-5	SIRRH	SF-9		
P493	WP-2	R.5OSS	MR-4	RAMP 4	MR-5	SPFM	PH-8		
P497	WP-2	R.5OSSMR	MR-4	RAMP 5	MR-5	SPFM_SLF	PH-8		
P50	PG-9	R.75F	MR-2	RAMP 6	MR-5	SPFM_SLI	PH-8		
P51B17	WP-4, PG-12	R.75FMR	MR-2	RAMP 7	MR-6	SR1-10PK	DA-7		
PDL	SP-2	R.75OS	MR-3	RAMP 8	MR-5, MR-6	SR2-10PK	DA-7		
PDLBRKT	SP-2	R.75OSMR	MR-3	RAMP 9	MR-5	SS71	AM-4		
PDL-D1	SP-3	R.75OSS	MR-4	RAMP10	MR-5	TC1-10PK	DA-10		
PDL-D2	SP-3	R.75OSSMR	MR-4	RF1-25PK	DA-7	TC2-10PK	DA-10		
PF114PS	PG-10	R1.25F	MR-2	RR1	MR-9	TC3-10PK	DA-10		
PF134 KIT	SF-21	R1.25FMR	MR-2	RR1.25FMR	MR-10	V232	CT-18		
PF28200A	SF-21	R1.25OS	MR-3	RR12_H	MR-10	V2320	CT-18		
PFAS	SF-21	R1.25OSMR	MR-3	RR2	MR-9	V2322	CT-18		
PFAS100	SF-21	R1.25OSS	MR-4	RS138	PH-14	V2325	CT-18		
PFAS88	SF-21	R1.25OSSMR	MR-4	RS175	PH-14	V2326	CT-18		
PFBG-4	SF-21	R1.5F	MR-2	RVARIOSS	MR-6	V80	DB-8		
PFBG-8	SF-21	R1.5FMR	MR-2	S104	PG-8	WA1-100PK	DA-3		
PFB5	SF-21, SF-25	R1.5OS	MR-3	S105	PG-8	WING 10_H	MR-7		
PFCDKIT	SF-21	R1.5OSMR	MR-3	S109	PG-8	WING 16_H	MR-7		
PFFC-8	SF-21, SF-25	R1.5OSS	MR-4	S44	PG-9, AG-2	WING EXT_H	MR-7		
PFHB-1	SF-21	R1.5OSSMR	MR-4	S44x2	AG-2, PG-10	WT_FM	PH-11		
PFHB-2	SF-21	R1.75F	MR-2	S52	PG-8	WT_HS	PH-11		
PFHS	SF-21, SF-25	R1.75FMR	MR-2	S77	AG-2, PG-10	X25M	PH-5		
PFKIT-4	SF-21	R1.75OS	MR-3	S771	AG-3, AM-5	XF	PH-5		
PFKIT-8	SF-21	R1.75OSMR	MR-3	S771x6	AG-3, PG-10	XI	PH-5		
PIF2/165A	SF-23	R1.75OSS	MR-4	S772	AG-3, AM-5	XM	PH-5		
PIF4/165A	SF-23	R1.75OSSMR	MR-4	S773	PG-9, AG-3	XT1-100PK	DA-2		
PK33	AG-2, PG-10	R1F	MR-2	S776	AG-3, PG-10	XW1-100PK	DA-3		
PK52	PG-9	R1FMR	MR-2	S88	PG-9, AG-2	XW2-100PK	DA-3		
PK55	AG-2, PG-10	R1OS	MR-3	SA1	DB-7	XW3-100PK	DA-3		

Who is PEMKO?

Since 1952, PEMKO has been a key manufacturer in weatherstripping products. Over the years we have expanded our product line into a full line of architectural door trim products to include thresholds, fire/smoke gaskets, door bottoms, perimeter gasketing, brush seals, astragals, continuous geared and stainless steel hinges, fire and life-safety products, lites and louvers, and sliding door hardware.

PEMKO offers sound-tested, smoke-labeled, fire-labeled, skid resistant, and ADA-compliant products, and aggressively pursues new product development to create solutions for new applications and requirements.

Applications

- **Energy Efficiency:** PEMKO has the products to make a complete energy efficient door solution – door bottoms, astragals, meeting stiles, brush gasketing, perimeter gasketing, and thermal barrier thresholds.
- **Smoke and Fire Gasketing:** Hot Smoke Seal™ is an intumescent fire life-safety product that meets UBC7-2 (proposed UL10C) positive pressure testing. PEMKO's S88, S773, and S44 silicone seals are also smoke and fire rated gaskets that meet UBC7-2 positive pressure testing and are Category G gaskets for edge sealing systems for use with Category B doors.
- **PEMKO SoundSeal Solutions:** As a result of extensive acoustic testing, PEMKO gasketing systems are used on openings with STC Ratings from the low-30's and into the mid-50's.
- **Electrically Modified PEMKO Hinges:** Continuous geared hinges are designed for commercial doors of all traffic levels and offer many benefits for your opening. All of PEMKO's commercial-grade continuous geared hinges have the added option for electrical modification. Some of these options allow for electrical modifications to be made without removing the door from the opening.
- **ADA-compliant aluminum and rubber ramps** provide wheelchair access in public access doorways.

PEMKO products undergo rigorous testing to ensure that they meet or exceed the industry standards. Look for the logos next to the product drawings and see page GI-12 for more information.



LEED Certification Contribution

PEMKO can help to achieve prerequisites and accumulate points in several categories and credit areas for LEED. For further information, please call 1-800-824-3018 or refer to our website to view our prepared LEED statement.



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ASSA ABLOY is a member of the USGBC and CaGBC

Sales & Support

Customer Service Representatives are available from 7am to 7pm Central time at 1-800-824-3018 or visit the website for the current catalogs, sell sheets, and the most up-to-date templates.

There are over 50 items on the PEMKO Quick Ship Program that ship within 24 hours. For the most up-to-date list see the Quick Ship flyer posted on www.pemko.com, in the literature section.

Need a Sales Rep?

For representation information in Washington State, Alaska, Oregon, Northern California, Northern Nevada, and Hawaii, please visit www.pemko.com to locate and view the sales contact for your area or call PEMKO Customer Service at 1-800-824-3018.

PEMKO is largely represented by the ASSA ABLOY Door Security Solutions team (except, WA, AK, OR, N CA, N NV, HI) Contact your local ASSA ABLOY Door Security Solution Representative via e-mail by going to www.assaabloydss.com and clicking on "Sales Support" or call 1-800-DSS-EZ4U (800-377-3948).

Website: www.pemko.com

Facebook: www.facebook.com/pemkomfg

Twitter: <http://twitter.com/#!/PemkoMfg>

PEMKO has manufacturing and warehouse locations in Memphis TN and Ventura CA as well as warehouse locations in Toronto ON and Vancouver BC.

General Information and Terms

Terms:

All prices are F.O.B. factory. To customers with satisfactory and / or prior approved credit and account status, terms of 2% 10th prox., NET 20th will be allowed. Please enclose an account application prior to or with your initial order.

Credit Card Capabilities:

Visa, Mastercard and American Express are accepted (only for established open accounts). Payment terms are NET.

Freight Terms:

All orders are F.O.B. factory. For NET orders of \$1000.00 or more, freight will be prepaid in the continental U.S. for shipment the most economical way. For shipments to Hawaii on NET orders of \$1350.00 or more, freight will be prepaid the most economical way. A freight allowance of \$13 / cwt will apply on shipments to Canada, Alaska, or Puerto Rico for NET orders of \$1100.00 or more. All shipments that exceed 108" in packaged length must be shipped LTL. Add 2" to the length of the product for finish package length. Minimum freight on these orders is \$120.00.

Crating Charges/Special Packaging:

\$50.00 NET. This will be added to any order not meeting prepaid freight where the product is over 10' in length or for welded threshold assemblies.

Minimum Order Level:

A surcharge of \$7.50 NET will be added to NET orders less than \$50.00.

Returns And Allowances:

No merchandise will be accepted for return or credit unless prior written approval is obtained. Returned merchandise must be of recent sale (12 months), in restockable / resalable quality, size, and condition. S88, S44, S44x2, S776, S773, S773x2 S772, S771, S771x6, PK55, and PK33 may only be returned within six (6) months of the date of sale. Contact PEMKO Customer Service for rules and Return Goods Authorization paperwork.

Cancellation Charges:

Cancelled orders for special material, non-stock sizes, or special sizes are subject to cancellation charges, based on factory expense and material used.

Guarantee:

PEMKO products are guaranteed for five (5) years against defects in material or workmanship, except: 1) PemKote™ abrasive surface for thresholds is guaranteed for ten (10) years. 2) Polyurethane Foam Tapes are guaranteed for 90 days. 3) Grade 1 PemkoHinges are guaranteed for the life of the opening against defects in material or workmanship. All other Grades of PemkoHinge carry a ten (10) year warranty. 4) Electrical modification is guaranteed for five (5) years. 5) PC Henderson products are guaranteed for two (2) year against defects in material workmanship. PEMKO will not be liable for defects or damages arising from improper installation, product modification, incorrect application or storage of product. Written notice of damages must occur within the warranty period. Liability shall be limited to the replacement of product or component determined to be defective and shall not include costs arising from removal or reinstallation of product. Cost of replacement shall not exceed original purchase price. No other claims will be allowed. In no event shall liability be extended to include punitive, incidental or consequential damages arising from use of PEMKO products. This is the sole warranty given by Pemko Manufacturing. No other warranty implied or expressed shall be allowed.

Claims For Shortage Or Damage In Transit:

All claims must be made within ten (10) days of receipt of goods. Consignee assumes the risk of loss or damage in transit.

Mill Lengths:

Most extrusions are available in mill lengths. Cut lengths over 12 feet are charged as mill lengths.

Ordering Information:

Please order material by product number, specifying length required per piece and the number of pieces. Most weatherstrips are stocked in standard sizes. If it is not practical to furnish the size ordered, the next larger size will be furnished and charged. Thresholds are maintained in standard sizes with ½" extra length on thresholds thru 47" and 1" extra length for thresholds 48" and longer to allow for fitting and field trim, unless exact net cut size is specified.

General Information and Terms

Non-Stock Finish Information:

Some items shown in this catalog are not stocked in certain finishes (i.e. BDG, G, PW, and SN). 'Batch charges' may be required on non-stock finishes to achieve our normally fast lead times. Contact PEMKO Customer Service for a quotation and lead time.

Option Tables:

The option tables are provided for selection of other than standard or normal finishes, components, fabrication, or fasteners. Since these are other than standard or normal, please allow for extra lead time for extra lead time for option(s) selected.

Cutting Tolerances:

Elastometric: -0 + 2" (50.8mm)

Thresholds (up to 48"): + 1/2" (12.7mm)

Thresholds (48" and up): +1" (25.4mm)

Net Cut: +/- 0.060, 1/16" (1.5mm)

Hinges: +/- 0.032, 1/32" (0.8mm)

Automatic Door Bottoms: +/- 0.060, 1/16" (1.5mm)

Orders are subject to acceptance by PEMKO. All prices and terms are subject to change without notice.

How to Order (Product Number Designations):

When placing your order, please specify the product profile number, finish, insert and size/length. Also make sure to clearly state any special fabrication needs, optional fasteners or custom finishes/sizes required.

Throughout the catalog, products are listed with an underscore (_) where variable finishes are available. More in-depth ordering information for specific lines is available in the individual product sections of the catalog.

Standard Products:

Example: 2001 A T 36 (Shown as 2001_T in catalog)

Profile#:	Finish:	Insert:	Size/Length:
2001	A	T = ThermoSeal™	36 = 36"
216	SN	PK = PemkoPrene	48 = 48"
297	BDG	V = Vinyl	3684 = 1 piece @ 36" + 2 pieces @ 84"

Adhesive Gasketing Products:

Example: S773 D 21 (Shown as S773_ in catalog)

Profile#:	Finish:	Size/Length:
S773	D	21 = 21' coil
PK55	BL	510 = 510' (bulk packaging)
S88	W	17 = 17' coil

For **PemkoHinge™** and **Modular Ramps**, see detailed ordering information in their individual sections.

Materials and Finishes Information

Metals:

PEMKO's extruded metal products are made from 6063 aluminum alloy or CDA alloy C38500 architectural bronze (brass). Roll-formed metal products are made from stainless steel, high-strength special-purpose zinc alloy, 70-30 yellow brass, or 85-15 red brass. Roll-formed aluminum weatherstripping is produced from various alloys selected for the particular properties required. See finishes information below for all finish designations. If you do not see the option you require, please inquire with our Customer Service Department about the feasibility of a custom finish.

Standard Finishes:

- A** - Mill Finish Aluminum
- AK** - Mill Finish Aluminum w/PemKote™
- B** - Mill Finish Extruded Bronze (Brass)
- BDC** - Bright Dip Clear Anodized Aluminum
- BDG** - Bright Dip Gold Anodized Aluminum
- C** - Clear Anodized Aluminum
- CB** - Cladded Brass
- D** - Dark Bronze Anodized Aluminum
- G** - Gold Anodized Aluminum

- K** - PemKote™ (on aluminum or bronze)
- PA** - Mill Finish Aluminum
- PD** - Painted Dark Bronze Aluminum
- PG** - Painted Gold Aluminum
- PW** - Painted White Aluminum
- S** - Cladded Stainless Steel
- SN** - Satin Nickel Anodized Aluminum
- SP** - Galvannealed Steel
- SS** - Stainless Steel (see individual part for finish)
- Z** - Zinc Metal

Special Order Finishes:

Champagne
Light/Medium Dark Bronze
Painted Aluminum (any color)
Polished Aluminum, Uncoated

Polished Bronze, Uncoated
Satin Brushed Aluminum, Uncoated
Satin Brushed Bronze, Uncoated
Oxidized and Oil Rubbed Bronze

Finish Options:

PemKote™
Anodized (clear, light/medium dark bronze, black, Champagne, gold)
Chrome Plate
Prime Coat
Pewter Finish for Aluminum
Polish/Buf Brass
Polish/Buf Aluminum

Satin Buff Brushed Brass
Oxidized & Oil Rubbed L-metal (ANSI/BHMA 722)
Oxidized & Oil Rubbed L-metal (custom finish)
Oxidized & Oil Rubbed Thresholds (ANSI/BHMA 722)
Oxidized & Oil Rubbed Thresholds (custom finish)
Oxidized & Oil Rubbed Weatherstrip (ANSI/BHMA 722)
Oxidized & Oil Rubbed Weatherstrip (custom finish)

Adhesive Gasketing And Replacement Vinyl Finishes:

BL - Black
C - Clear
D - Dark Brown
GR - Light Gray
TAN - Tan
W - White

Lites & Louvers Finishes:

B - California Beige Powder Coat
D - Dark Bronze Duranodic Powder Coat
G - Gray Primer Powder Coat

Inserts:

PEMKO manufactures many products with gasket inserts (seals). See insert information below for all insert (seal) designations. Also, the available inserts (seals) for each individual product are shown adjacent to each individual product.

E - EPDM	PK - PemkoPrene**	SB - Soft Brush
M - Magnetic	Q - Kerf-in Foam	T - ThermoSeal™
N - Neoprene or EPDM*	R - Sponge Neoprene or EPDM*	TF - Triple Foam
NB - Nylon Brush	S - SiliconSeal or Sponge Silicone	V - Vinyl
P - Pile	(see individual part)	

*N: As we "Green" PEMKO's inserts "N" may be either Neoprene or EPDM.

*R: As we "Green" PEMKO's inserts "R" may be either Sponge Neoprene or Sponge EPDM.

Over time, these inserts will move to EPDM material.

**PK: In order to best control our customers' costs some PK (Santoprene™) products may be a silicon based elastomeric material with comparable performance.

NOTE: If any of this may cause an issue, please contact PEMKO Customer Service for specific insert information or solutions.

Fabrication Options:

PEMKO offers many fabrication options to fit specific job requirements. Please consult our Customer Service and/or Engineering departments for details. Custom fabrications are subject to engineering design costs and are quoted on a time and material basis.

Bevel	One Edge	Miter1	Double, One End of Threshold
Cut	Thresho-Sill Nosing Flush	Miter2	Double, Both Ends of Threshold
Leadline	Leadline of Astragals, Door Bottoms	Half Notch	1/2", Door Shoe, Both Ends, Drip Only
Rip	Width	Half Notch	3/4", Door Shoe, Drip Only, Both Ends
Tack Weld	One Line	Half Notch	5/8", Door Shoe, Drip Only, Both Ends
Tab	Welded Tab & Screw	Half Notch	7/16", Door Shoe, Drip Only, Both Ends
Support Leg	For Elevated Plates 3" Center to Center	Full Notch	1/2", Door Shoe, Both Ends
L-Notch	Both Ends of Threshold	Weep Holes	All Door Shoes
U-Notch	Both Ends of Threshold		
Drill	Thresho-Sill (Add "H" to Prod. #)		
Mill & Drill	Thresho-Sill (Add "M" to Prod. #)		
Miter1	Single, One End of Threshold		
Miter2	Single, Both Ends of Threshold		

Fabrication Options Important Note: Complicated fabrications are quoted based on time and materials.

Drawings

Product drawings throughout the catalog may be a reduced representation / not drawn to scale. They are representations of the product size, dimensions, shape, etc. For scale drawings in PDF or AutoCAD (DWG or DXF) format, please visit our website: www.pemko.com

Product Testing/Classification Symbols

These symbols are shown adjacent to products throughout the catalog so that one can readily identify and select products which meet specification and/or code requirements.



Air Infiltration Tested Tested To: ASTM E-283

Products indicated by this symbol have been air infiltration tested in accordance with the requirements of ASTM E-283 Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors.



Sound Tested Tested To: ASTM E 90-2009

Products indicated by this symbol have been acoustically tested in accordance with ASTM E 90-2009. Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions Tests were conducted by Western Electro-Acoustic Laboratory Inc., and Riverbank Acoustical Laboratory. Both are accredited laboratories for acoustic testing. Contact PEMKO for recommended **SoundSeal Systems**.



Barrier-Free Meets Requirements of: ADAAG-2010 (Amended) and ICC / ANSI A117.1-2009

Products indicated by this symbol are access compliant by having installed height differences not over 1/2" with allowable edge and slope conditions. All ramp products have ADA compliant 1:12 slopes: PEMKO **Modular Ramp Thresholds** (Ramps Section), **Rubber Ramp Thresholds** (Ramps Section), and **Recycled Rubber Ramps** (Ramps Section). Contact PEMKO or refer to page GI-15 for recommended **BarrierFree Systems**.



Non-Skid/PemKote™ Meets Requirements of: ASTM D 2047 & Federal Specifications P-F-430C

PemKote™ is a rugged abrasive finish of nickel-aluminum composite which is fused to the metal surface by an exothermic reaction. This process produces an aesthetically pleasing skid resistant coating with extremely high bond strength and excellent resistance to oxidation. PemKote™ carries a TEN (10) YEAR GUARANTEE, and is available on all PEMKO metal thresholds and metal modular ramps. PEMKO highly recommends the use of PemKote™ for all Barrier-Free Modular Ramps and as a durable, economical alternative for cast abrasive products.



Smoke Tested Tested To: UL 1784 Meets Requirements of: NFPA 105-2010

Products indicated by this symbol are Listed by WYLE Laboratories as having been tested in accordance with Underwriters Laboratories Inc.®, Standard UL 1784 Air Leakage Tests of Door Assemblies, and meet the performance criteria for allowable air leakage as specified in NFPA 105-2010 Installation of Smoke Control Door Assemblies.



Fire Rated
Products indicated by this symbol are fire rated, classified and listed (U.S.A. and Canada) to meet the requirements/standards of UL10B, UL10C, and UL10C (Edge Sealing). For a complete listing of fire rated and UL rated products, please refer to the UL website.



PemkoHinge™ Rating:

All models designated with these symbols are tested and certified by Underwriters Laboratories Inc.® (U.S.A. and Canada) to standards UL10B and UL10C for up to a 3-Hour Fire Listing for all 4'-0" x 10'-0" and 8'-0" x 10'-0" door and frame assemblies. Fire listing certifications apply to all approved hollow metal and wood door assemblies in drywall or masonry wall construction. Check UL Rating #R14745 on the UL website for a complete and current listing of applicable PemkoHinge™ products.



Builders Hardware Manufacturers Association:

Products indicated by this symbol have been voluntarily submitted to rigid third party testing and follow-up audits to confirm that they fully and continuously meet or exceed the requirements of their underlying ANSI / BHMA Standards. These products are listed in the BHMA Directory of Certified Products, published annually, and available for purchase from BHMA. They are also posted and frequently updated on the BHMA website at www.buildershardware.com. PEMKO products are covered by the following: ANSI / BHMA A156.21-2009 Standard for Thresholds, ANSI / BHMA A156.222011 Standard for Door Gasketing Systems, and ANSI / BHMA A156.26-2005 Standard for Continuous Hinges.

Product Testing/Classification Symbols



UL1S47 - Check UL Rating #R18375 on the UL website for a complete and current listing of applicable PEMKO edge sealing and fire glazing products (not specifically listed by item in this product catalog).



UL4L10 - Check UL Rating #R14369 on the UL website for a complete and current listing of applicable PEMKO products (not specifically listed by item in this product catalog).



Check PEMKO's Category G, Category H and Category J listings on ITS website www.intertek.com for a complete and current listing of applicable PEMKO edge sealing, perimeter gasketing and fire glazing products.

ANSI/BHMA

The following interprets ANSI/BHMA numbers which identify material and type of products. For products that meet ANSI/BHMA Standards, look for the BHMA certified logo next to the product in our catalog. For a complete listing refer to the BHMA Certified Products Directory on line at www.buildershardware.com.

American National Standard for Thresholds ANSI/BHMA A156.21 (2009)

1 Product Section "J" Designates Architectural Door Trim, Thresholds				
2 Material	3 Configuration	4 Surface	5 Description	6 Description
1. Architectural Extruded Brass or Bronze 3. Aluminum 5. Stainless Steel 7. Rubber & similar nonmetallic 0. Other (ie: cast iron, safety abrasive, etc.)	1. Compressing top 2. Flat Saddle 3. Half Saddle 4. Interlocking 5. Rabbeted, latching/Panic with gasket 7. Plate 8. Ramped 9. Saddle for floor closer 0. None designated	1. Fluted 2. Fluted with abrasive 3. Smooth 4. Smooth with abrasive	1. Applied Stop 2. Applied Stop with gasket 3. Barrier Free 4. Carpet Separator 5. Ends Mitered 6. Expansion Assembly 7. Hook Strip Applied to door 8. Offset 9. Thermal Barrier 0. None Designated	1. Applied Stop 2. Applied Stop with gasket 3. Carpet Separator 5. Ends Mitered 6. Expansion Assembly 7. Hook Strip Applied to door 8. Offset 9. Thermal Barrier 0. None Designated

American National Standard for Door Gasketing and Edge Seal Systems ANSI/BHMA A156.22 (2011)

1 Product Section “R” Designated Gasketing					
2 Product Material	3 Gasketing Material		4 Product Type	5 Material Application	6 Gasketing Rating
1. Brass or Bronze 3. Aluminum 5. Stainless Steel 0. Optional material or none used	A. Brush B. Neoprene, solid C. Neoprene, closed cell D. Vinyl E. Silicone Rubber F. Pile G. Thermoplastic Elastomer (TPE) H. Thermoplastic Urethane (TPU) J. Thermoplastic Rubber K. Spring Metal L. Magnetic M. Felt N. Robber Fabric P. Intumescent Q. Intumescent/Brush	R. Intumescent/ Neoprene, Solid S. Intumescent/ Neoprene Closed Cell T. Intumescent/Vinyl U. Intumescent/ Silicone Rubber V. Intumescent/Pile W. Intumescent/ Thermoplastic (TPE) X. Intumescent/ Thermoplastic Urethane (TPU) Y. Optional material or none used Z. Intumescent/ Thermoplastic Rubber	1. Head and Jamb 2. Head and Jamb, Adjustable 3. Automatic Door Bottom 4. Door Sweep or Shoe 5. Door Sweep or Shoe with Drip Cap 6. Astragal Overlapping 7. Astragal Split or Compensating 8. Astragal Adjustable 9. Rain Drip without gasket 0. Other	1. Door Edge 2. Door Edge, Mortise 3. Door Face 4. Door Face, Semi-Mortise 5. Frame Rabbet (surface or mortise) 6. Frame Soffit (H.M.) Frame Stop (WD) 7. Frame Face 8. Kerf 9. Stop (H.M.), Stop Face (WD) 0. Other	0. Smoke/Energy Performance/ Acoustic Rated 1. Smoke/Energy Performance Rated 2. Smoke/Acoustic Rated 3. Energy Performance/ Acoustic Rated 4. Smoke Rated 5. Energy Performance Rated 6. Items not Rated 7. Acoustic Rated

American National Standard for the Explanation of Numbering System. First letter denotes BHMA Product Section (A)

First Numeral- Material	Second Numeral- Type of Product	Third Numeral- Electrical Modifications	Fourth Numeral- Door Weight (lbs)	Fifth Numeral- Grade Classification	Second Letter- Hinge Type
1. Brass, Bronze 3. Aluminum 5. Stainless Steel, 300 Series 8. Steel	1. Edge Mounted Hinges 2. Half Edge Mounted Hinges 3. Full Surface Hinges 4. Half Surface Hinges 5. Swing Clear 6. Raised Barrel 7. Wide Throw 0. Other	0. None 1. Concealed Wire Transfer 2. Monitor 3. Power Transfer 4. Other	1. 150 2. 300 3. 600 4. 1200	1. Grade 1 2. Grade 2 3. Grade 3	B. Barrel G. Geared

SoundSeal Systems

Introduction:

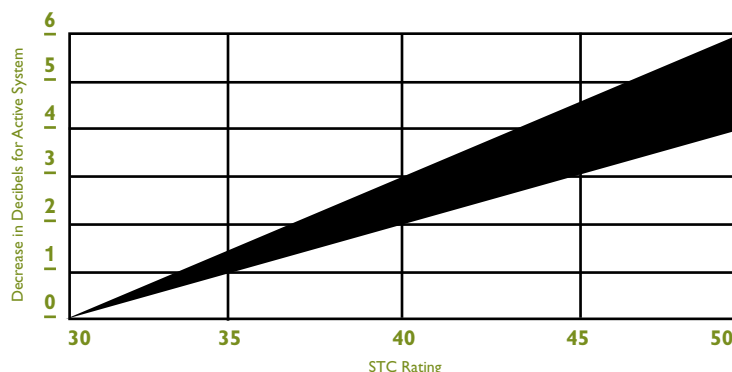
PEMKO SoundSeal Systems and sound tested products are the result of extensive testing in acoustic laboratories. Our current listings represent those systems which performed consistently and with the highest STC ratings. STC stands for "Sound Transmission Class", wherein the higher the rating, the lower the transmission of sound.

Methods and Procedures:

Testing conforms to the provisions and requirements of ASTM E 90-2009 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements. The system assembly is placed in the test chamber between the source room and receiving room and is subjected to 17 one-third octave bands between 125 and 5000 Hertz. The resulting sound transmission loss values are tabulated in accordance with ASTM E 413 Standard Classification for Rating Sound Insulation. The Sound Transmission Class (STC) rating is determined by comparison to the standard STC contour.

Acoustic Performance Expectations:

When acoustic gasketing is required there are two basic guidelines to consider: (1) Is the surrounding construction compatible with the STC rating desired? (2) Does the door and frame being considered have an ample STC rating? The following can be used as a guideline for determining the decrease in decibels that can be anticipated with any **PEMKO SoundSeal System**: standard solid core wood doors will have a rating of about STC-30 and any **PEMKO SoundSeal System** will maintain this level with no additional loss. For an acoustic steel door with an STC-50 rating, the resulting active rating with a PEMKO SoundSeal System will be STC-45, a decrease of 5dB.



Note: Standard non-acoustic doors can be anticipated to provide the following ratings:

- solid core wood = STC 28 to STC 32
- insulated hollow metal = STC 38 to STC 40

STC Rating

The range of sound frequencies used in these tests is that of normal human speech and hearing, and in most cases the level of attenuation achieved does not totally eliminate but rather muffles the sound to an unintelligible level. The chart shown compares the level of speech that would be heard through a door system having the indicated active STC rating (active STC rating is for an operable system as contrasted to the sealed-in-place rating of the door only).

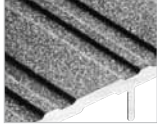
Active STC Rating	Level Of Speech Heard
STC-30	Loud speech understood
STC-35	Loud speech heard but not understood
STC-40	Loud speech audible as a murmur
STC-45	Some loud speech barely audible
STC-48	Hearing strained to hear loud speech
STC-50	Loud speech not audible

Barrier-Free Systems



PEMKO offers many products, including modular ramps, thresholds and floor treads, that help you meet the requirements of the Americans with Disabilities Act (ADA) as outlined in the Americans with Disabilities Act Accessibility Guidelines (ADAAG-2010 amended); ICC /ANSI A117.1-2009 Standard Accessible and Usable Buildings and Facilities; any of the various Uniform Building Codes; or state access codes (e.g. California Building Code, Title 24).

The following table shows which PEMKO products comply with the ADAAG and ICC /ANSI standard and also notes their respective sections.

ICC / ANSI A117.1 (ADAAG)	PEMKO Recommendation
302 (4.5) Floor or Ground Surfaces. 302.1 (4.5.1) General. "shall be slip resistant"  <i>Skid resistant.</i>	General: "slip-resistant" PemKote™ non-slip - PemKote™ (finish code: "K") is a rugged abrasive finish of nickel-aluminum composite - PemKote™ provides safety in environments used by youths and people with disabilities - For complete information, see the Modular Ramps section  <i>PemKote™: skid resistant surface.</i>
302.2 (4.5.3) Carpet. "Exposed edges of carpet... shall have trim along the entire length of the exposed edge. Trim shall comply with Section 303"	  Note: See Commercial Thresholds section (page CT-23) for more options.
303 (4.5) Changes in Level	
303.2 (4.5.2) Vertical. "Changes in level of 1/4" (6mm) high maximum shall be beveled with a slope not steeper than 1:2"	 Note: See Commercial Thresholds section (pages CT21 - CT22) for more options.
303.3 (4.5.2) Beveled. "Changes in level between 1/4" (6mm) high minimum and 1/2" (13mm) high maximum shall be beveled with a slope not steeper than 1:2"	 Note: See Commercial Thresholds section (pages CT-2 - CT-7) for more options.
303.4 (4.5.2) Ramped. "Changes in level greater than 1/2" (13mm) shall be ramped and comply with Section 405 (4.8)"	- Assemblies accommodate 1/2" to 2 1/4" floor offsets in meeting the 1:12 slope requirements of the "Americans with Disabilities Act" - Rubber ramp component assemblies meet the same requirements. - Answer the needs of architects, specifiers, building owners, installers, and most importantly, physically challenged people - For use in schools, hospitals, stadiums, offices, restaurants, hotels, airports, and more - For complete information, see the Modular Ramps section 
404 (4.13) Doors and Doorways.	
404.2.5 (4.13.8) Thresholds at Doorways. "...shall be 1/2" high maximum...shall comply with Sections 302 and 303"	  Note: See Commercial Thresholds section (pages CT2 - CT-7, and CT-13) for more options.
404.2.9 (4.13.11) Door-Opening Force	  
405 (4.8) Ramps	
405.2 (4.8.2) Slope. "Ramp runs shall have a running slope not steeper than 1:12"	 Note: See Modular Ramp section (pages MR-2 - MR-10) for more options.
(Note: Some exceptions apply to this with respect to existing buildings having space limitations. Consult PEMKO for specific applications.)	
504 (4.9) Stairways	
504.4 Tread Surface	
504.5 (4.9.3) Nosings	 Note: See Floor Treads section (pages CT-21-CT-22) and Floor Molding, Trim section (page FM-2) for more options.

PemkoHinge™

Continuous Geared Aluminum Hinges

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What is PemkoHinge™?

PemkoHinge™ consists of two full-height, paired and geared leaves. Each geared leaf rotates evenly from top to bottom riding on proprietary polymer blended bearings. The geared leaves and bearings are held together by a full-length channel cap. This assembly retains the smooth, clean lines of the door and frame, while easily supporting heavy vertical loads.

PemkoHinge™

SECURITY, SAFETY, PRIVACY, LOW WEAR AND TEAR

PemkoHinge™ Attributes:

- With a continuous hinge, typical alignment problems (such as door sag and binding) are eliminated
- The continuous hinge distributes load stress uniformly along the full length of the door and frame
- The gear design of the continuous hinge ensures symmetrical operation of each leaf
- ½ lb. or less operating force required to operate most doors, regardless of size
- Low operating force feature makes continuous hinges ideal for doors used by the physically challenged
- The continuous hinge, when installed on standard steel doors and frames, requires no additional reinforcement. However, hinge preps must have fillers installed for proper operation
- A high degree of security can be achieved for exterior openings or restricted spaces by using a continuous hinge. With the geared construction and the full-length channel cap, the common gap between the door and frame is sealed, which provides security against prying
- In addition, the continuous full-height hinge cap protects against pinching fingers in doors in public areas, particularly those where children are present
- Sight proof design of the continuous hinge provides privacy for lavatories, executive offices, or file rooms

PemkoHinge™ Superior Design:

- PemkoHinge™ has increased critical stress points of the hinge leaf extrusions providing additional strengths and rigidity to the completed product
- PemkoHinge™ bearing design eliminates premature wear, guarantees proper alignment, and requires fewer bearings to carry more weight. The bearing is produced for PEMKO using a chemical composition and injection process that provides a stronger, more accurately formed bearing
- PemkoHinge™ is designed with inter-meshing gear segments in the hinge which provide 50% more bearing surface resulting in less wear
- PemkoHinge™ goes through the anodizing process after completing all machining. This means the machined aluminum surfaces that are in direct contact with the bearing have a smoother, harder surface, thereby reducing wear
- PemkoHinge™ maintains uniform bearing spacing for the full length of the hinge even when lengths exceed 10'
- PemkoHinge™ uses #12-24 size fasteners instead of #10. (#12 Tek fasteners available upon request)
- PemkoHinge™ commercial models are ideal for use on lead lined doors (i.e. hospital X-ray rooms), without requiring special screw locations

How To Order (Hinge Part Designations)

Example: **D | SPFM | 85 | SLI | HD1**

Finishes	Hinge Types	Lengths	Hinge Options	Capacity
BL Black Anodized	AL_FM Aluminum Full-Mortise	79	"blank" Standard	"blank" Standard Duty
C Clear Anodized	AL_HS Aluminum Half-Surface	83	CP Center Pivot	HD1 Heavy Duty, Grade 1
D Dark Bronze Anodized	FM Full-Mortise	85	RG Raised Gear	HD3 Heavy Duty, Grade 3
G Gold Anodized	FS Full-Surface	95	SF Safety	
PW Painted White	HS Half-Surface	120	SL Short Leaf (residential only)	
SN Satin Nickel Anodized	RS138 Full-Mortise Residential: 1-3/8"		SLF Short Leaf Flush	
	RS175 Full-Mortise Residential: 1-3/4"		SLI Short Leaf Inset	
	SPFM Special Full-Mortise			
	WT_FM Wide Throw Full-Mortise			
	WT_HS Half-Surface			

BHMA Certification Program

This program was developed to establish product classifications through performance testing. Three grades (1, 2 and 3) of product classifications were established for continuous hinges, with three weight groups (150, 300 and 600) for each grade: Grade 3 being the lowest and Grade 1 being the highest classification. Each classification and weight group has a set of established cycle requirements and wear characteristics, with a minimum for vertical and lateral wear to establish a listing under a weight and grade classification, after the set number of cycles is completed.

Maximum Vertical Wear Allowable:

- Grade 3 = 0.105"
- Grade 2 = 0.030"
- Grade 1 = 0.020"



Maximum Lateral Wear Allowable:

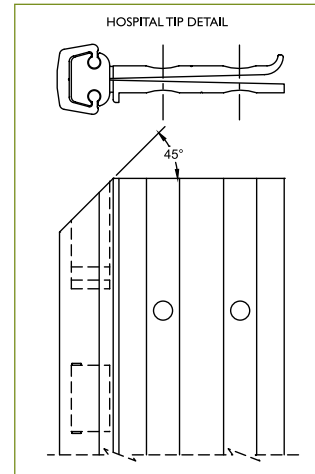
- All Grades = 0.062"

Cycle requirements range from Grade 3-600 requiring 100,000 cycles through Grade 1-150 requiring 2.5 million cycles.

For more information on certification testing or other product certification programs, please contact PEMKO Customer Service.

Hospital Tip

A special modification is available for certain hinges which provides an extra bearing at the top of the gear cap, leaving no opening. A 45° angled cut on the gear cap and leaf covers provides a safe environment for hospitals and correctional facilities.



Cycle Requirements - Per BHMA Standard ANSI/BHMA A156.26-2006

- Standard Duty Hinges (excluding _RS175 & _RS138) conform to Grade 3-150 and Grade 3-300
- HD3 Hinges conform to Grade 3-150, Grade 3-300, and Grade 3-600
- HD1 Hinges conform to Grade 2-150, Grade 1-300, and Grade 1-600
- 1100 Series and X-Series Hinges conform to Grade 1-150

Weight Bearing - Per BHMA Standard ANSI/BHMA A156.26-2006

- This information pertains to all commercial models
- Heavier weight can be carried; please contact Customer Service for applications other than those listed in the chart
- Special hinge reinforcements are not required as hollow metal door and frame manufacturers' standard are acceptable. Removal of hinge reinforcements in the door and frame is not advised. Hinge preps must have fillers installed

	Hinge Size	Number of Bearings	Door Weight
Residential Hinges	79" and 83"	7	90 lbs.
Standard Duty Hinges	83" and 85"	14	280 lbs.
	95"	16	320 lbs.
	120"	20	400 lbs.
Heavy Duty (HD1 & HD3) Hinges	83" and 85"	27	540 lbs.
	95"	31	620 lbs.
	120"	39	780 lbs.

UL Fire Labeled 3-Hour



LISTED
Door Hinges
76Y2

- All models designated with these symbols are tested and certified by Underwriters Laboratories Inc.® (U.S.A. and Canada) to standards UL10B, UL10C and UBC7.2 (positive pressure) for up to and including a 3-Hour Fire Listing for all 4'0" x 10'0" and 8'0" x 10'0" door and frame assemblies. Fire listing certifications apply to all approved hollow metal and wood door assemblies in drywall or masonry wall construction
- Special FirePins™ are only required on 3-Hour assemblies. Please refer to page PH-15 for illustrations and information regarding the application of PEMKO FirePins™

- All hinges are supplied with standard fastener kits. Replacement kits/individual fasteners may be purchased separately
- TEK/TORX fasteners may be purchased separately. Full-mortise hinges require 40 each; half-surface hinges require 20 each; full-surface hinges require 12 each
- All half-surface and full-surface hinges are supplied with a snap cover for the door leaf. Replacement snap covers may be purchased separately
- Rain caps may be purchased separately

Electrically Modified Continuous Geared Hinges

Electrical Modifications

- PEMKO has vastly improved the cycle performance of the electrically modified hinge. Performance testing has shown that 3,000,000+ cycles can now be achieved using PEMKO's exclusive polyurethane-coated 4, 8, or 12 TRI-FLEX titanium copper alloy cables. Each cable is capable of carrying 16 amps continuous @ 24 volts in-rush for 820 milliseconds. When ordering, please use the "shorthand code" shown in the chart page PH-2. For example, if you require a Clear Anodized standard Full-Mortise hinge at 83" with Quick Connect transfer - 4-wire, modified 36¼" from the top, right hand, you would order a CFM83 with QC4 at 36¼" from top - RH

Options for Electrically Modified Continuous Geared Hinges

These options allow variable degrees of service to be performed at the specific locations of the current carrying cables by installing a serviceable/removable hinge which includes a removable module (SER), or installing a hinge with a pivoting accessible feature (ACC).

- Both options (SER & ACC) are available in 4 Wire (QC4), 8 Wire (QC8), 12 Wire (QC12) variants
- Available on FM, XM, XF, XI, X25M, FS, HS, KFM, SLF & SLI Models

Serviceable/Removable (SER) Module

The hinge is furnished to be installed in three sections allowing the current carrying cable to be serviced or replaced without removing the door from the frame. Additionally, the SER option allows the current carrying cables to be safely stored or delivered to the electrician or security contractor prior to the installation of the electrified hardware, eliminating the necessity of the electrician or security contractor being present when the doors are being hung.

Product Numbering Example: CFM83HD x QC4-SER

Accessible (ACC) Feature

The hinge is furnished to be installed in a single section with the leaves modified to pivot at the location of the current carrying cable and allow access to the cables and connected wiring.

Product Numbering Example: CFM83HD x QC4-ACC

Concealed Magnetic Monitoring (CM)

Concealed magnetic monitoring is also available with the SER and ACC options. Magnetic monitor is supplied with monitor and an adjustable magnet.

Product Numbering Example: CFM83HD x CM-SER
CFM83HD x CM-ACC

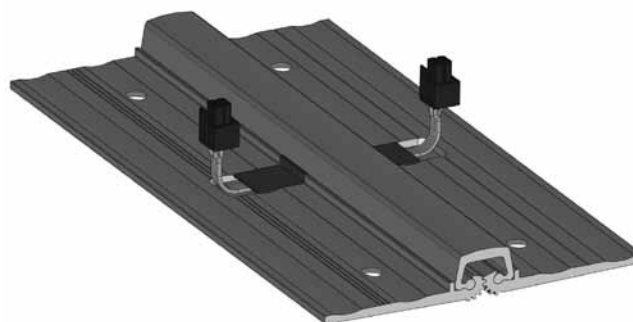
Customer Information Needed:

- Specify handing and prep location if other than PEMKO standard

Included:

- Molex connectors with ElectroLynx® are warranted for five (5) years. Molex connectors are included at each leaf for ease of electrical connection
- Each electrical prep is supplied with one 48" and one 120" cable lead

Hardwiring Made Easy™



Quick Connect Transfer For Full Mortise (FM) Hinges	QC4* 4 WIRE
	QC8* 8 WIRE
	QC12* 12 WIRE

Quick Connect Transfer For Full Surface (FS) & Half Surface (HS) Hinges	QC4_S* 4 WIRE
	QC8_S* 8 WIRE
	QC12_S* 12 WIRE

* Electrical Modifications Options Code	
Additional Length of Quick Connect Cable Leads	
Adjustable Concealed Magnetic Monitoring	CM
Power Transfer - Prep Only	PT

X-Series PEMKO Hinge

NEW!

- Thicker leaves than traditional continuous geared hinge and requires no additional clearance
- New X-Series hinge allows for a deeper cavity for electrical wires when ordering an electrified hinge

Full Mortise

XM_

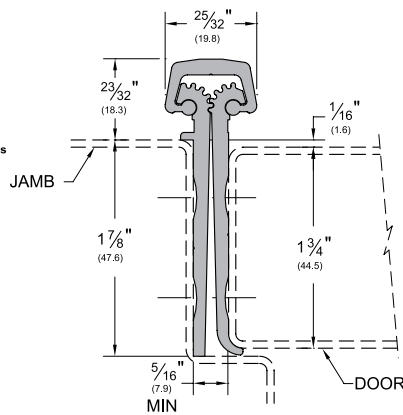
AVAILABLE FINISHES: C, D



BHMA
CERTIFIED

UL US

LISTED
Door Hinges
76Y2



Full Mortise for 2 1/2" Thick Door

- Wider hinge leaves to accommodate doors 2 1/2" thick

X25M_

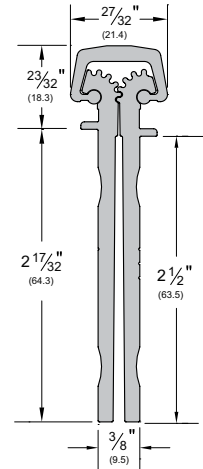
AVAILABLE FINISHES: C, D



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UL US

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Door Hinges
76Y2



Short Leaf Flush

XF_

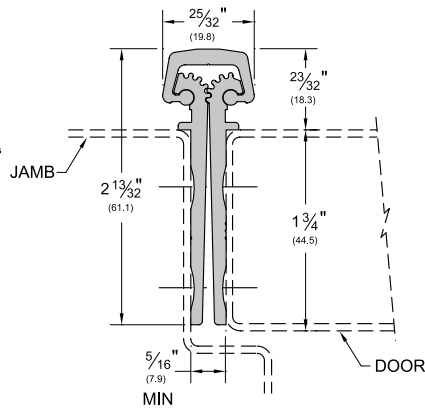
AVAILABLE FINISHES: C, D



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Door Hinges
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Short Leaf Inset

- Wider hinge leaves to accommodate doors 2 1/2" thick

XI_

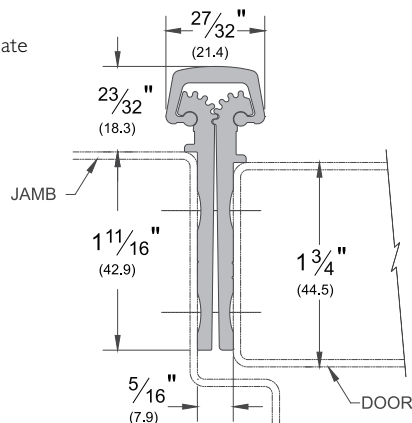
AVAILABLE FINISHES: C, D



BHMA
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UL US

LISTED
Door Hinges
76Y2



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized)

Offset Hinges

NEW!

- Used when the door needs to swing out of the opening

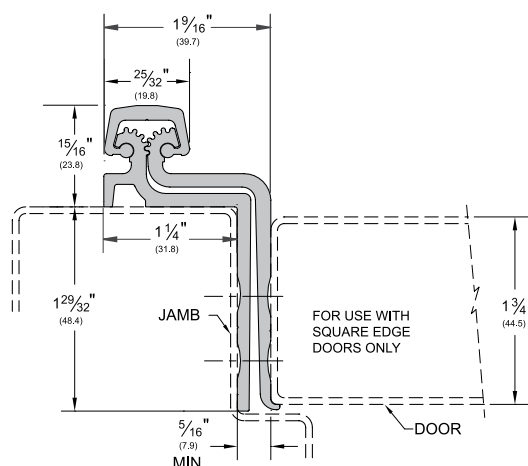
Offset Full Mortise

_OS_FM

AVAILABLE FINISHES: C, D



LISTED
Door Hinges
76Y2



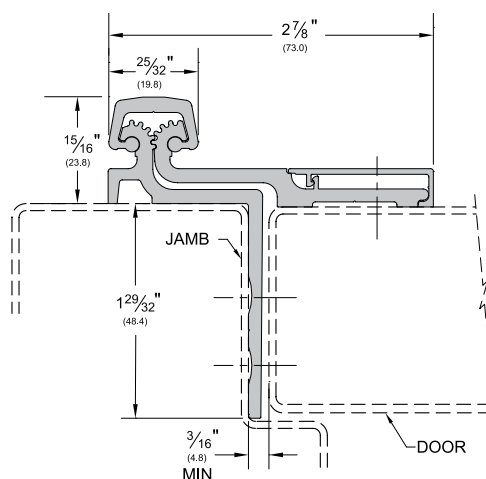
Offset Half Surface

_OS_HS

AVAILABLE FINISHES: C, D



LISTED
Door Hinges
76Y2



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized)

Full-Mortise Hinges

- Full-Mortise units are designed mainly for new door applications and are applied to the frame rabbet and door face to conceal both leaves

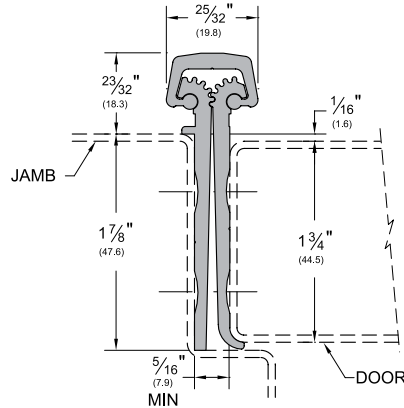
Full Mortise

_FM

AVAILABLE FINISHES: **BL**, **C**, **D**, **G**, **PW**, **SN**



LISTED
Door Hinges
76Y2



Full Mortise Short Leaf Inset

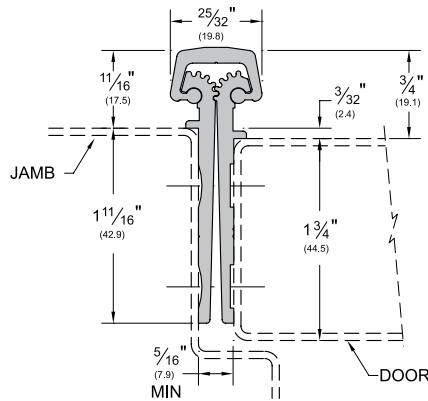
- Designed for use with doors which range between 1 3/4" to 2 1/4"
- Designed for use with hollow metal frames where the inset conforms to S.D.I. specifications for aligning doors and frames

_FM_SLI

AVAILABLE FINISHES: **BL**, **C**, **D**, **G**, **PW**, **SN**



LISTED
Door Hinges
76Y2



Full Mortise Short Leaf Flush

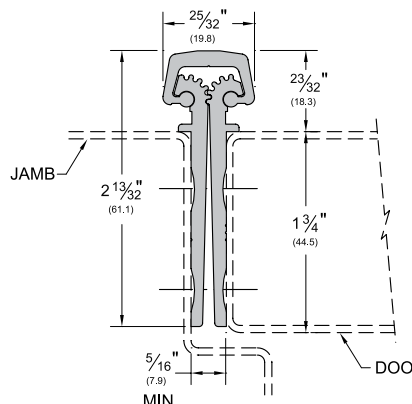
- Designed for use with doors which range between 1 3/4" to 2 1/4"
- Also used for bifold applications to keep the faces of the doors flush (not illustrated)

_FM_SLF

AVAILABLE FINISHES: **BL**, **C**, **D**, **G**, **PW**, **SN**



LISTED
Door Hinges
76Y2



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)
BL (Black Anodized) and PW (Painted White) are special finishes available upon request.

Special Full-Mortise Hinges

- Special Full-Mortise units are designed for door and frame applications where the hinge leaf may interfere with the weatherstrip, thermal break, or applied stop of the frame
- Special Full-Mortise hinges are applied to the frame rabbet and door face to conceal both leaves

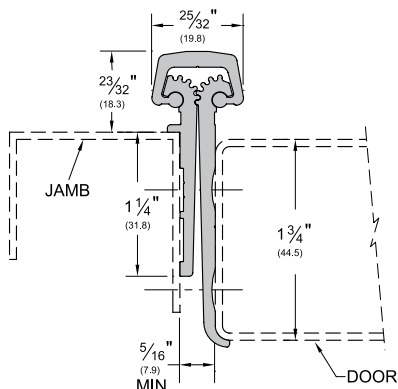
Special Full-Mortise

_SPFM

AVAILABLE FINISHES: BL, C, D, PW, SN



LISTED
Door Hinges
76Y2



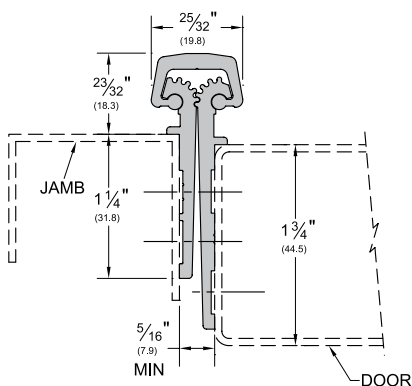
Special Full Mortise Short Leaf Inset

_SPFM_SLI

AVAILABLE FINISHES: BL, C, D, G, PW, SN



LISTED
Door Hinges
76Y2



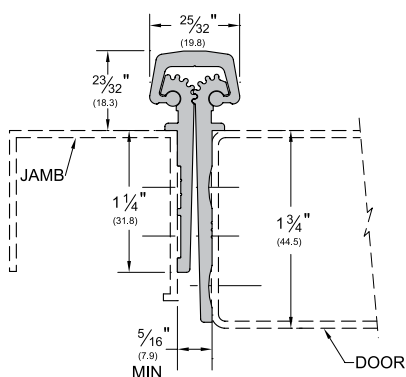
Special Full Mortise Short Leaf Flush

_SPFM_SLF

AVAILABLE FINISHES: BL, C, D, G, PW, SN



LISTED
Door Hinges
76Y2



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

C (Clear Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)

BL (Black Anodized) and PW (Painted White) are special finishes available upon request.

Full-Mortise Hinge

- Like our other Full-Mortise units, the Kawneer Hinges are designed mainly for new door applications and are applied to the frame rabbet and door face to conceal both leaves
- Developed for the Kawneer "Tuffline" series of aluminum doors

Kawneer Full Mortise

K_FM

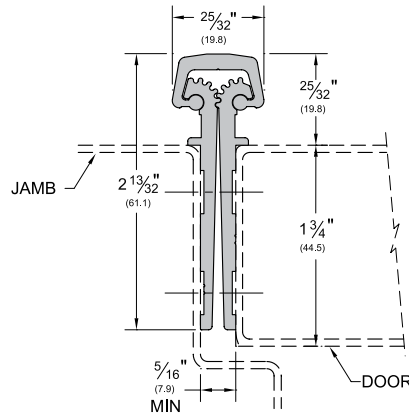
AVAILABLE FINISHES: BL, C, D, PW, SN



BHMA
CERTIFIED



LISTED
Door Hinges
76Y2



Raised Gear Hinge

- Designed for wood or metal frames with applied facing or other decorative moldings and to the frame rabbet and door face to conceal both leaves
- Certain door/frame conditions may require an extra 1/32" to 1/16" clearance. Excessive clearance on fire rated assemblies may violate the requirements of NFPA80

Raised Gear Full Mortise

_FM_RG

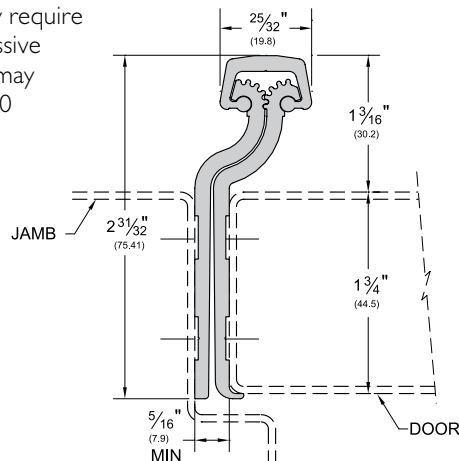
AVAILABLE FINISHES: BL, C, D, PW, SN



BHMA
CERTIFIED



LISTED
Door Hinges
76Y2



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)
BL (Black Anodized) and PW (Painted White) are special finishes available upon request.

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ASSA ABLOY, the global leader
in door opening solutions

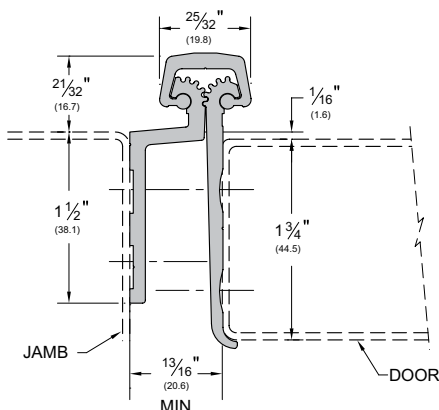
Full-Mortise Safety Hinge

- Full-Mortise Safety units are designed mainly for new door applications in child care and nursing facilities
- These hinges require extra clearance and are applied to conceal both leaves

Full-Mortise Safety

_FM_SF

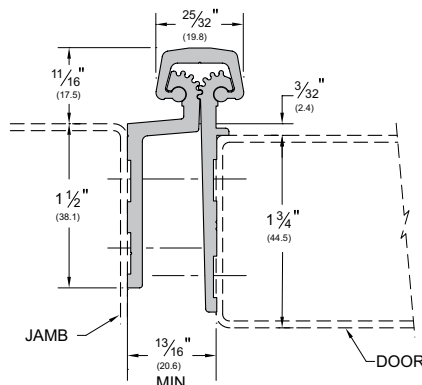
AVAILABLE FINISHES: BL, C, D, PW, SN



Full-Mortise Short Leaf Inset Safety

_FM_SLISF

AVAILABLE FINISHES: BL, C, D, PW, SN



Full Mortise Hinge for 1 3/8" Door

- More bearings than _RSI38 hinge to work in commercial grade application
- Shorter leaves for thinner doors

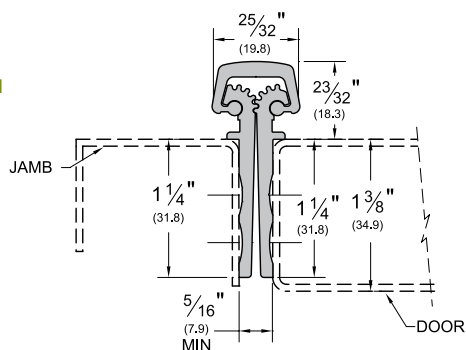
Full Mortise

FM_SLF138

AVAILABLE FINISHES: BL, C, D, PW, SN



LISTED
Door Hinges
76Y2



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

C (Clear Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)

BL (Black Anodized) and PW (Painted White) are special finishes available upon request.

Wide Throw Full-Mortise Hinge

- Wide Throw Full-Mortise units are designed mainly for new door applications that require extra clearance due to special frame, door or wall design, and are applied to the frame rabbet and door face to conceal both leaves
- More clearance between the door and frame allows your door to open 180°
- Available only in heavy duty to support larger doors

Wide Throw Full Mortise

WT_FM

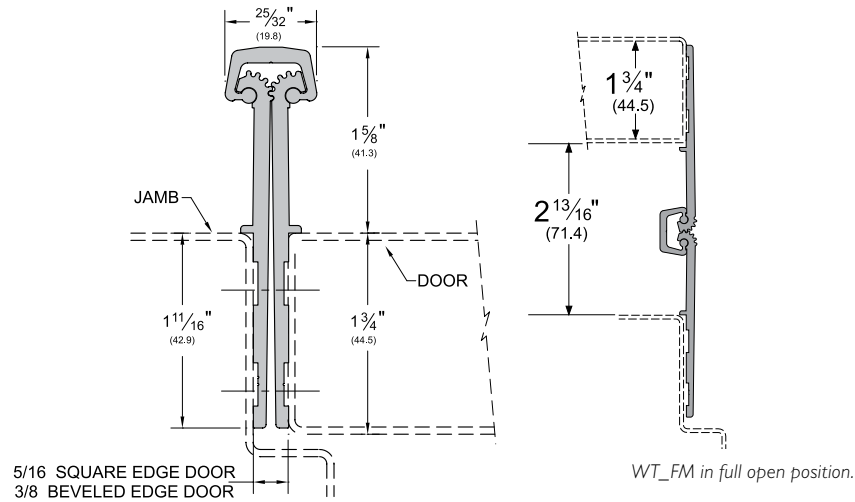
AVAILABLE FINISHES: C, D, G



BHMA
CERTIFIED



LISTED
Door Hinges
76Y2



Wide Throw Half-Surface Hinge

- Wide Throw Half-Surface units are designed mainly for retrofit applications that require extra clearance due to special frame, door, or wall design and are applied to the frame rabbet and the exposed door surface
- Wide Throw Half-Surface units combine the versatility of the Half-Surface unit and the clearance of a Wide Throw hinge into one

Wide Throw Half Surface

WT_HS

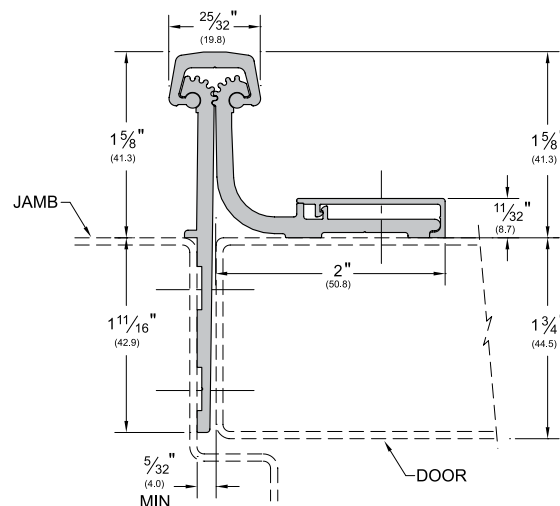
AVAILABLE FINISHES: C, D, G



BHMA
CERTIFIED



LISTED
Door Hinges
76Y2



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)

Half-Surface Hinge

- Half-Surface units are designed mainly for retrofit work, and are applied to the exposed surface of the door and the frame rabbet

- Designed for use with hollow metal frames, where the inset conforms to S.D.I. specifications for aligning doors and frames
- Allows for adjustments in order to properly align edge of the door to the frame

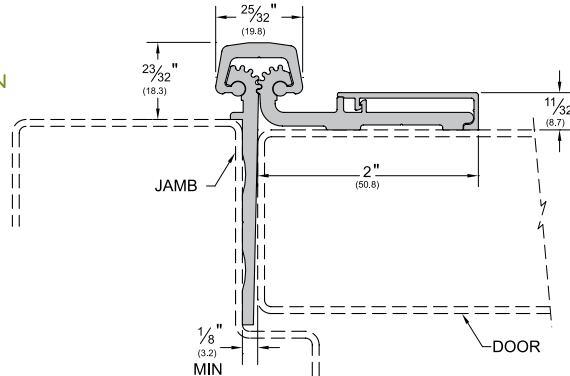
Half Surface

_HS

AVAILABLE FINISHES: BL, C, D, PW, SN



LISTED
Door Hinges
76Y2



Half-Surface Safety Hinge

- Half-Surface Safety units are designed mainly for retrofit work in child care and nursing facilities and are applied to the exposed surface of the door and the frame rabbet

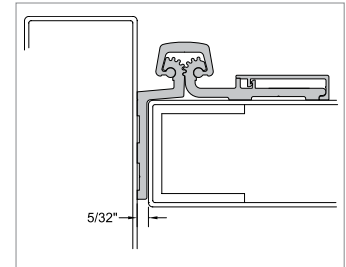
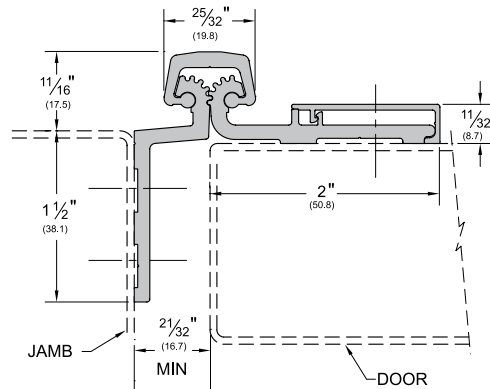
Half-Surface Safety

_HS_SF

AVAILABLE FINISHES: BL, C, D, PW, SN



LISTED
Door Hinges
76Y2



HS_SF in deep frame application.
HS_SF is no longer a safety hinge in this application.

Half-Mortise Hinge

- Half-Mortise units are designed mainly for retrofit work and are applied to the exposed surface of the frame and the door edge

- Designed to require only 5/32" clearance instead of 5/16" and also allows for adjustments to properly align edge of the door to the frame face

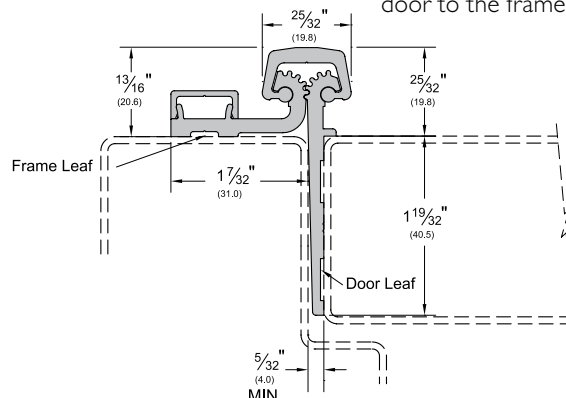
Half-Mortise

_HM

AVAILABLE FINISHES: C, D, G



LISTED
Door Hinges
76Y2



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

C (Clear Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)

BL (Black Anodized) and PW (Painted White) are special finishes available upon request.

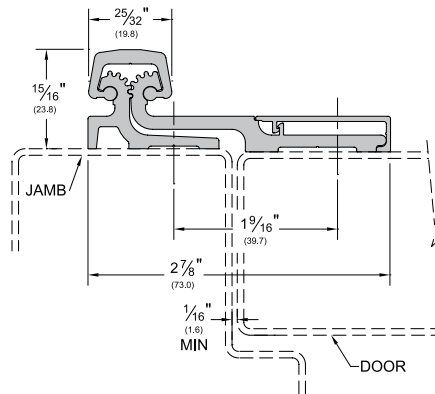
Standard Full-Surface Hinge

- Full-Surface units are designed mainly for retrofit work, and are applied to the exposed surfaces of the door and frame

Full Surface

_FS

AVAILABLE FINISHES: BL, C, D, PW, SN



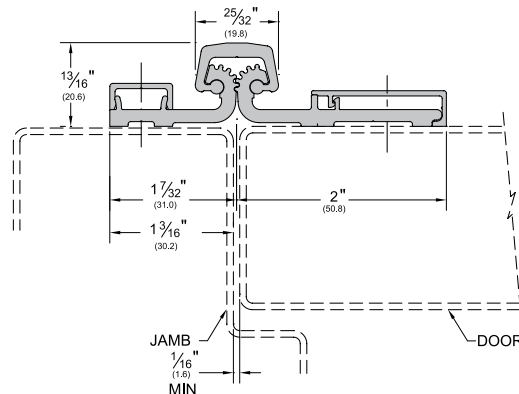
Full-Surface Center Pivot Hinge

- Full-Surface Center Pivot units are designed mainly for retrofit work and are applied to the exposed surfaces of the door and frame
- Full-Surface Center Pivot units easily replace butt hinges since no door or frame adjustments are necessary and are more versatile with restricted frame faces

Full Surface Center Pivot

_FS_CP

AVAILABLE FINISHES: BL, C, D, PW, SN



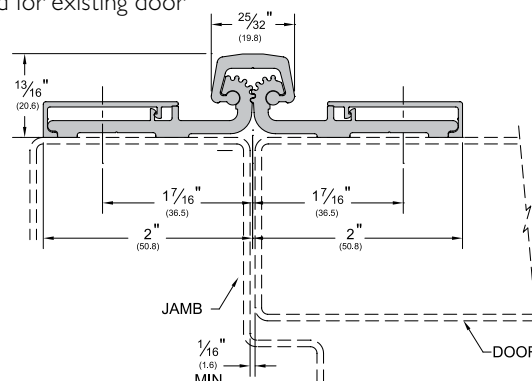
Full Surface Balanced Pivot Hinge NEW!

- Allows for easy replacement from butt hinges as the pivot point remains the same and no door or frame adjustments are necessary
- Equal length leaves provide an aesthetic appearance
- No template adjustments are needed for existing door opening/closing devices
- Good in a bi-fold application where two doors need to be hinged

Full Surface Balanced Pivot

_FS_BP

AVAILABLE FINISHES: BL, C, D, PW, SN



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)
BL (Black Anodized) and PW (Painted White) are special finishes available upon request.

Aluminum Hinges For Aluminum Doors Under 90 lbs.

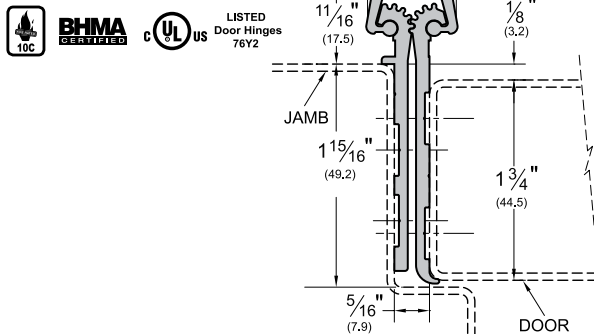
- These aluminum hinges are strictly for use on light weight aluminum doors weighing less than 90 lbs.
- Use in lieu of top/bottom pivots or butt hinges
- Less expensive than standard Full-Mortise hinges when an economical alternative is required
- NOTE: All AL series hinges are excluded from the "Life of The Opening" guarantee, and instead carry a ten (10) year warranty

Aluminum Full-Mortise

- Aluminum Full-Mortise units are designed mainly for new door applications and are applied to conceal both leaves

AL_FM

AVAILABLE FINISHES: C, D

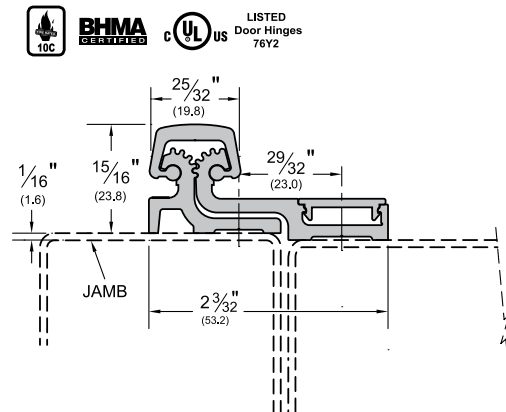


Aluminum Full-Surface Hinges

- Aluminum Full-Surface units are designed mainly for retrofit work and are applied to the exposed surfaces of the door frame

AL_FS

AVAILABLE FINISHES: C, D

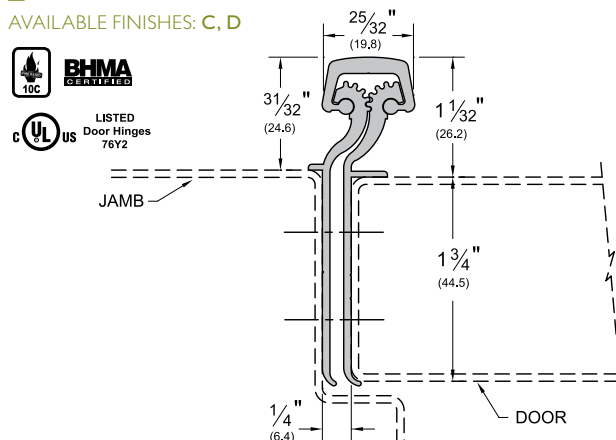


Full-Mortise Residential Hinges

- Full-Mortise Residential units are designed mainly for new door and frame applications, and are applied to conceal both leaves
- Designed for 1 3/4" MAXIMUM thickness with a weight up to 90 lbs.
- NOTE: All RS series hinges are excluded from the "LIFE OF THE OPENING" guarantee, and instead carry a ten (10) year warranty

_RS175

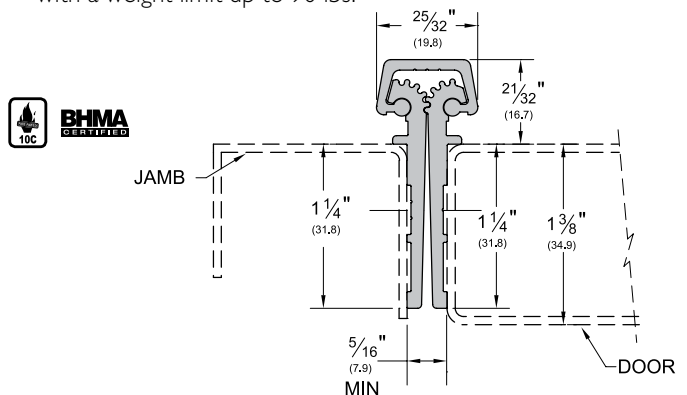
AVAILABLE FINISHES: C, D



_RS138

AVAILABLE FINISHES: C, D

- Shorter leaves for thinner doors
- Designed for doors 1 3/8" thick with a weight limit up to 90 lbs.

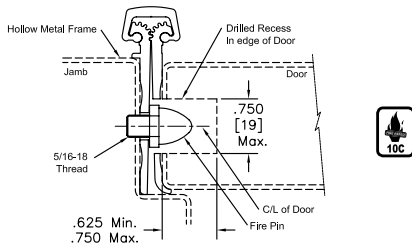


AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized)

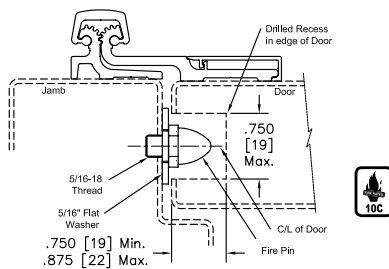
FirePins For Use With 3-Hour Fire Rated Assemblies

- **FirePins™** are required to achieve 3-hour fire rating
- Although **PemkoHinge™ Continuous Hinges** carry UL Fire Ratings unequalled in the industry, some applications may require the use of **FirePins™**
- **FirePin™** applications fall within the UL guidelines for retro-fitting assemblies in the field. Expensive shop modifications and door/frame reinforcements are not required
- **FirePins™** also add extra security to a door assembly

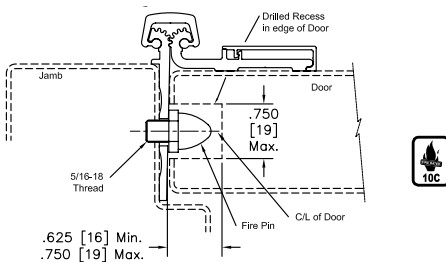
Full-Mortise Hinges



Full-Surface Hinges

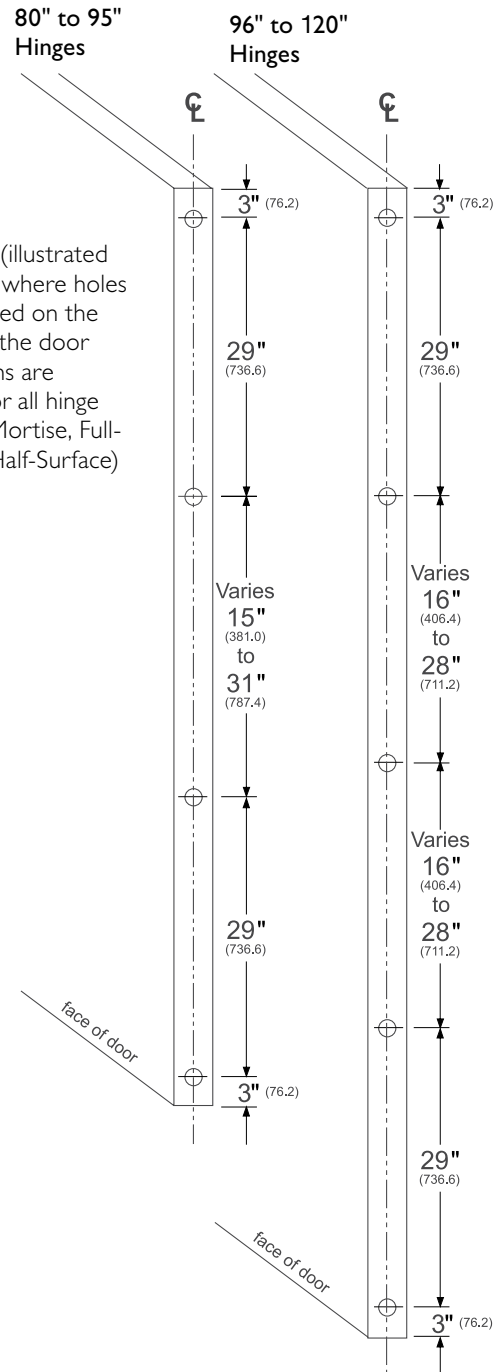


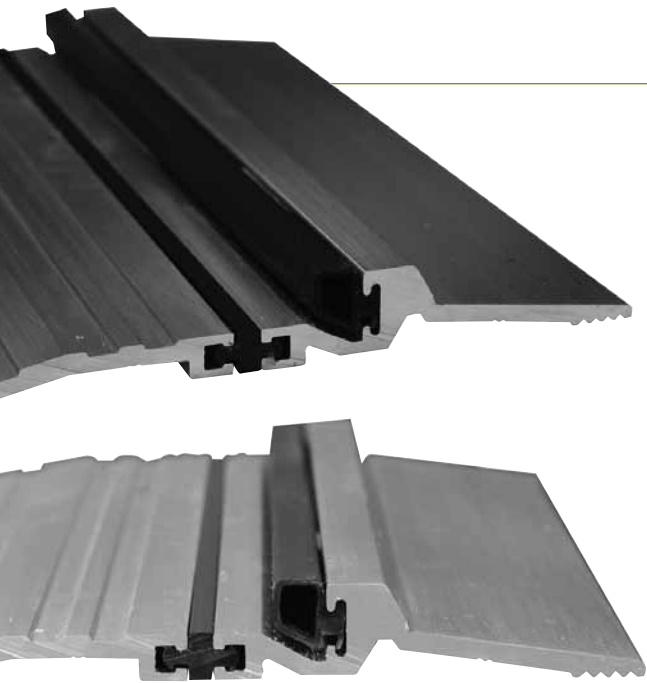
Half-Surface Hinges



FirePin Locations

- The locations (illustrated right) indicate where holes should be drilled on the hinge edge of the door
- These locations are appropriate for all hinge models (Full-Mortise, Full-Surface, and Half-Surface)





COMMERCIAL THRESHOLDS

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Stainless Steel Thermal Barrier Threshold.....	CT-12
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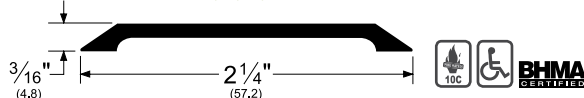
PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
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189.....	CT-24	253x226_FGT.....	CT-16	274x4x271.....	CT-2	2464.....	CT-23		
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Saddle Thresholds

- To use a saddle threshold in an offset condition, use an elevator (see page CT-24)

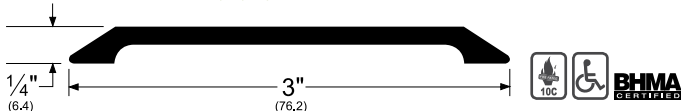
173_

AVAILABLE FINISHES: A, B, D, G



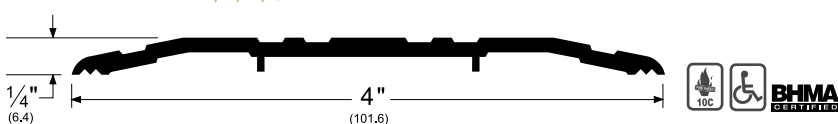
151_

AVAILABLE FINISHES: A, B, D, G



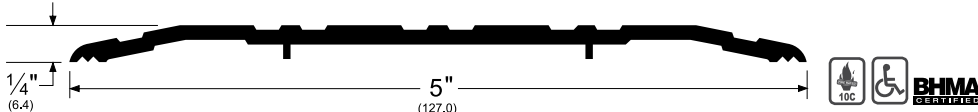
270_

AVAILABLE FINISHES: A, B, D, G



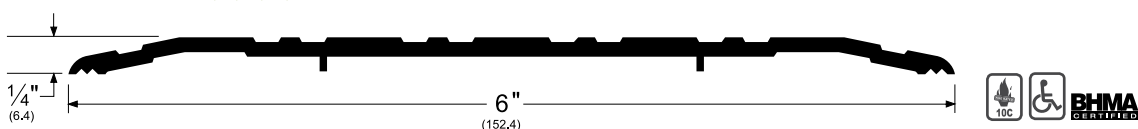
271_

AVAILABLE FINISHES: A, B, D, G, SN



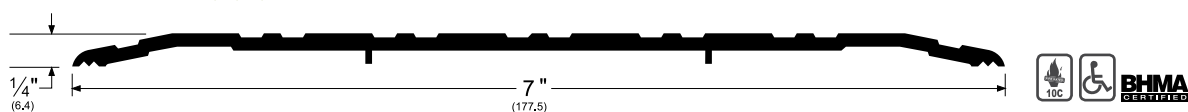
272_

AVAILABLE FINISHES: A, B, D, G, SN



276_

AVAILABLE FINISHES: A, B, D, G



2748_

AVAILABLE FINISHES: A, D, G



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

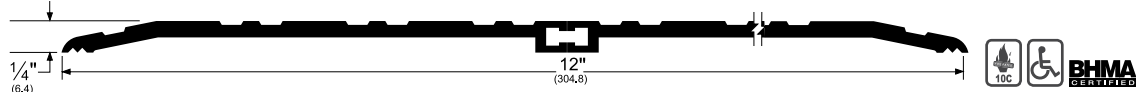
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized)

NOTE: G, SN are available with limited inventory

Saddle Thresholds (Cont.)

2746x6_

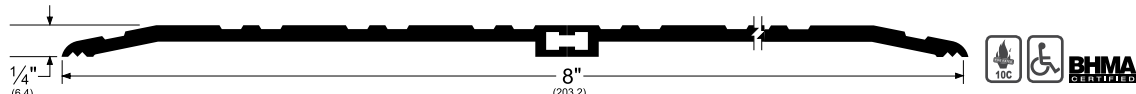
AVAILABLE FINISHES: A, D, G



Welded on bottom.

274x4_

AVAILABLE FINISH: A, B, D, G



Welded on bottom.

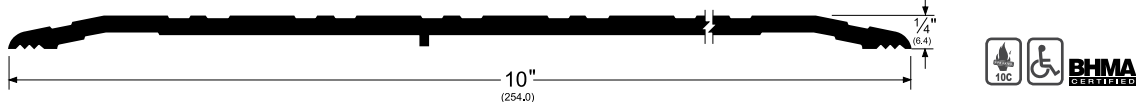
2749_

AVAILABLE FINISHES: A, D, G



2750_

AVAILABLE FINISHES: A, D, G



Includes two support legs (only one shown due to break in drawing)

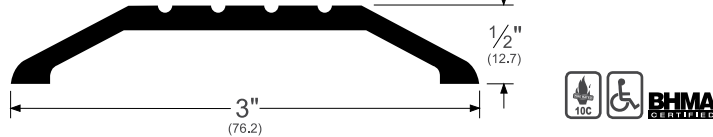
1665_

AVAILABLE FINISHES: A, D, G



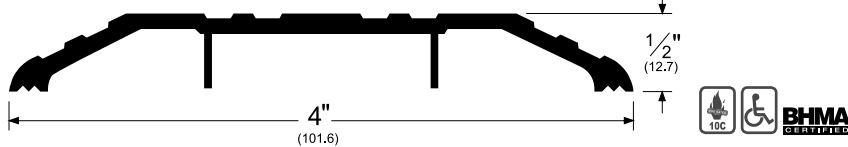
169_

AVAILABLE FINISHES: A, D, G



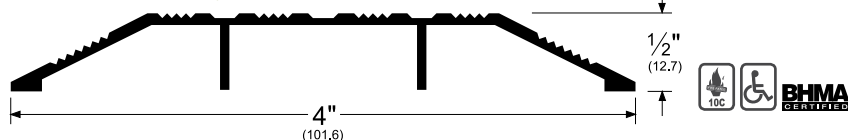
170_

AVAILABLE FINISHES: A, B, BDG, D, G



1700_

AVAILABLE FINISHES: A, D



NOTE: Products shown in this section may not be drawn to scale.

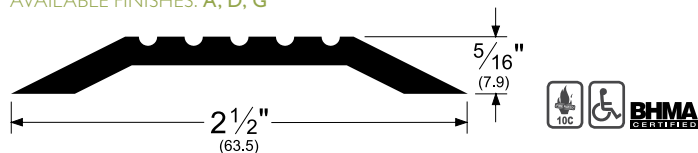
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) G (Gold Anodized)
NOTE: G is available with limited inventory

Saddle Thresholds (Cont.)

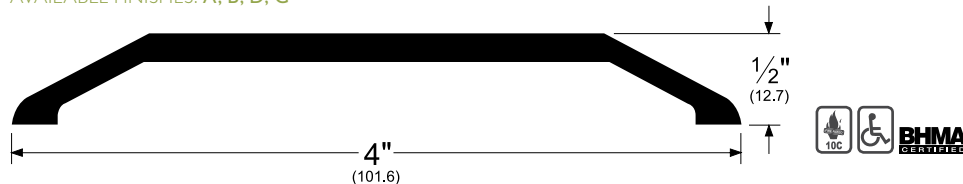
166_

AVAILABLE FINISHES: A, D, G



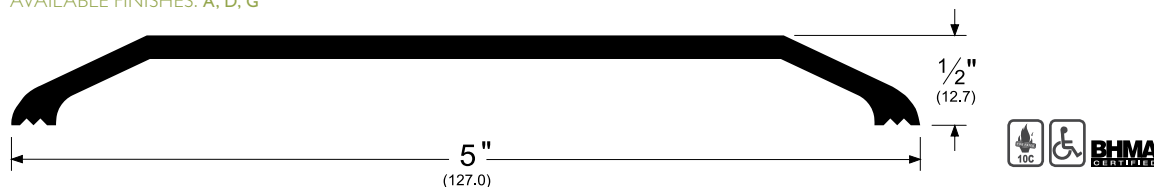
175_

AVAILABLE FINISHES: A, B, D, G



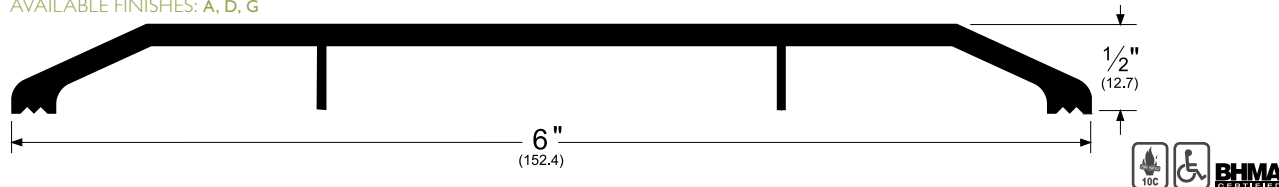
154_

AVAILABLE FINISHES: A, D, G



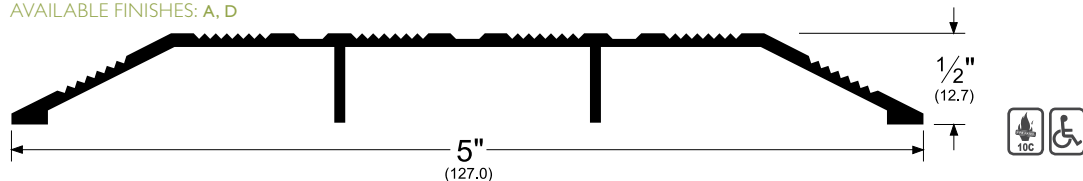
1546_

AVAILABLE FINISHES: A, D, G



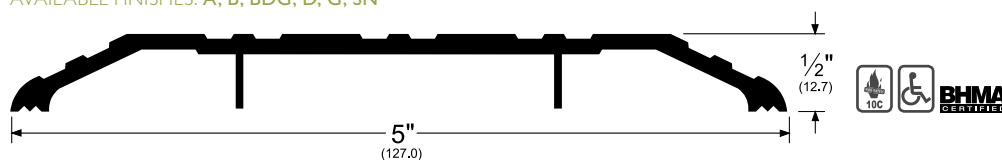
1710_

AVAILABLE FINISHES: A, D



171_

AVAILABLE FINISHES: A, B, BDG, D, G, SN



NOTE: Products shown in this section may not be drawn to scale.

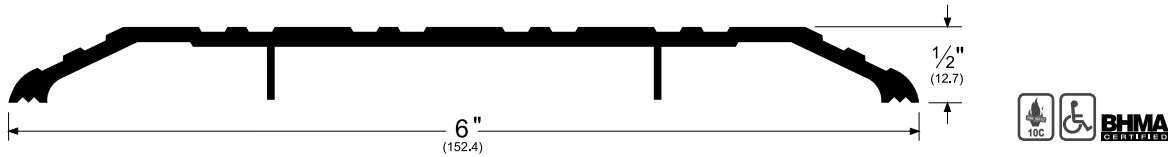
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anod) D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized)
 NOTE: G, SN are available with limited inventory

Saddle Thresholds (Cont.)

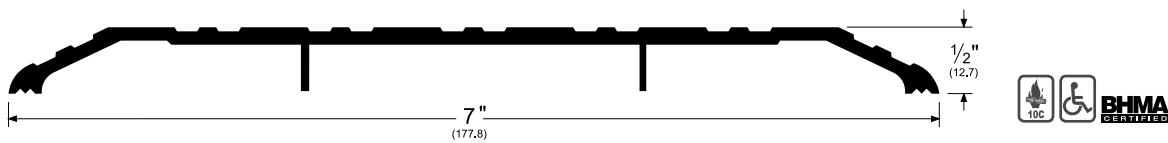
172_

AVAILABLE FINISHES: A, B, D, G, SN



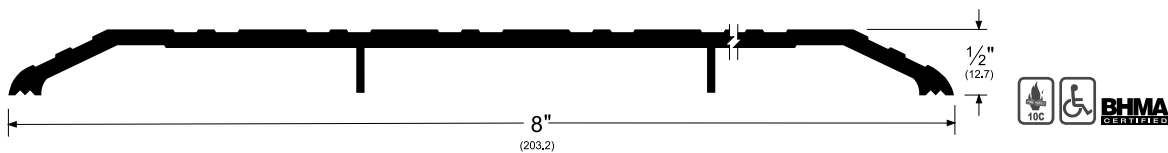
176_

AVAILABLE FINISHES: A, B, D, G



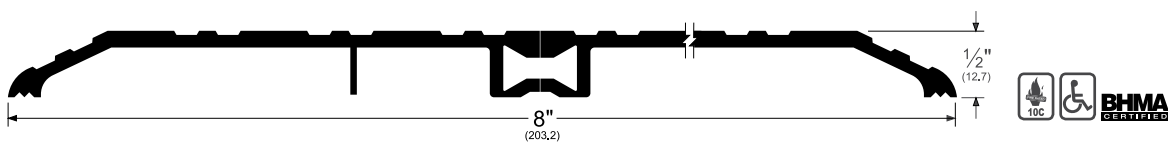
2548_

AVAILABLE FINISHES: A, D, G



254x4_

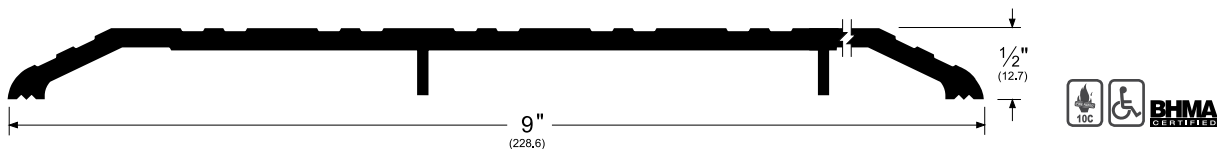
AVAILABLE FINISH: A, B, D, G



Includes two support legs (only one shown due to break in drawing)

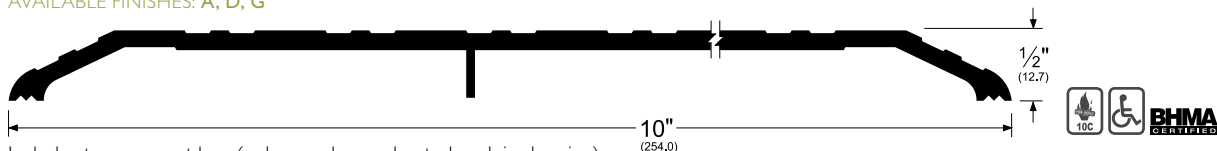
2549_

AVAILABLE FINISHES: A, D, G



2550_

AVAILABLE FINISHES: A, D, G



Includes two support legs (only one shown due to break in drawing)

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

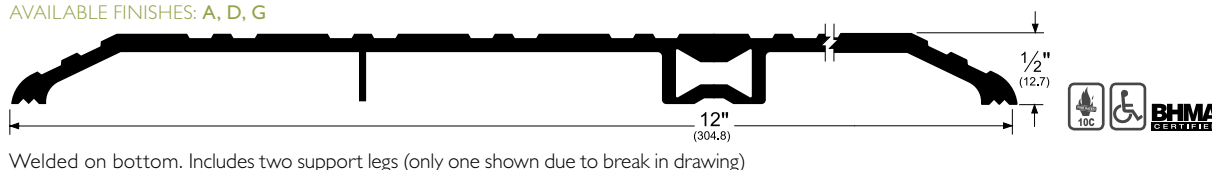
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized)

NOTE: G, SN are available with limited inventory

Saddle Thresholds (Cont.)

256x6_

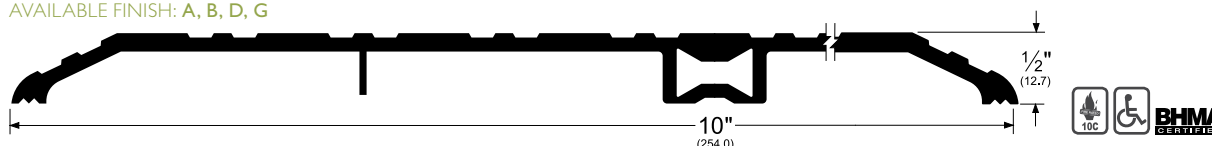
AVAILABLE FINISHES: A, D, G



Welded on bottom. Includes two support legs (only one shown due to break in drawing)

255x5_

AVAILABLE FINISH: A, B, D, G



Welded on bottom. Includes two support legs (only one shown due to break in drawing)

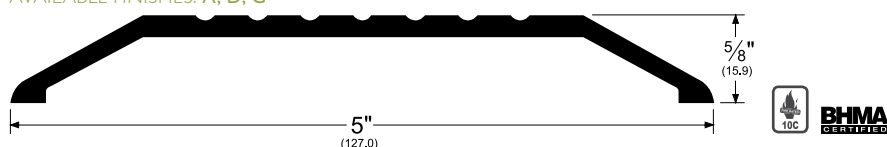
198_

AVAILABLE FINISHES: A, B, D, G



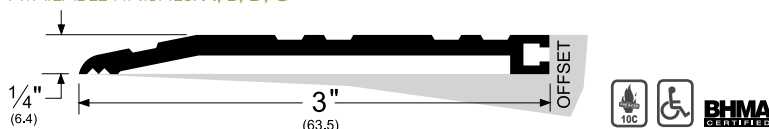
156_

AVAILABLE FINISHES: A, D, G



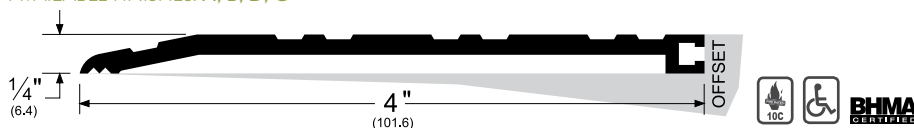
273_

AVAILABLE FINISHES: A, B, D, G



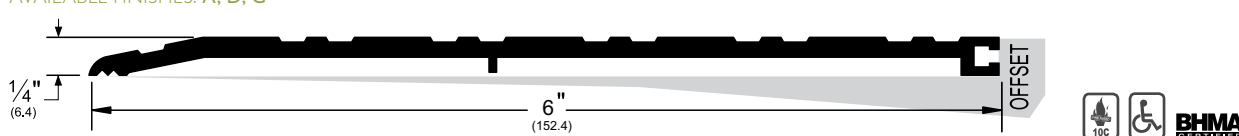
274_

AVAILABLE FINISHES: A, B, D, G



2746_

AVAILABLE FINISHES: A, D, G



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

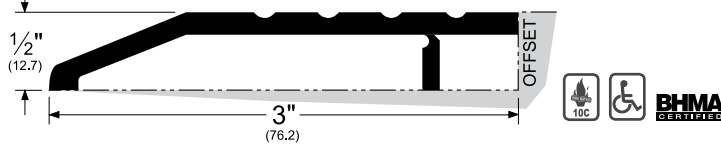
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized)

NOTE: G is available with limited inventory

Saddle Thresholds (Cont.)

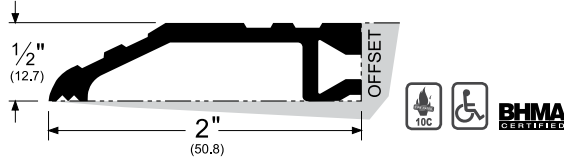
168_

AVAILABLE FINISHES: A, D, G



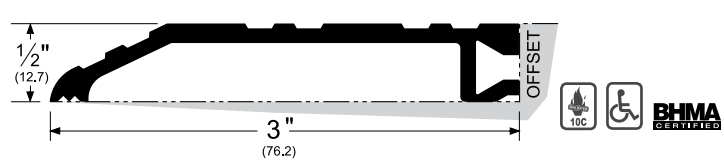
252_

AVAILABLE FINISHES: A, B, D, G



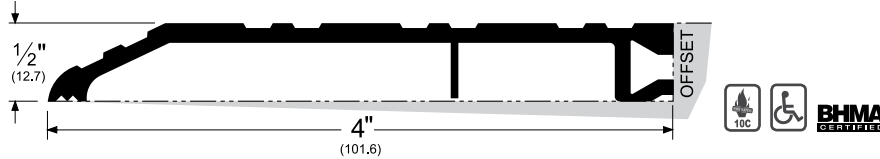
253_

AVAILABLE FINISHES: A, B, D, G



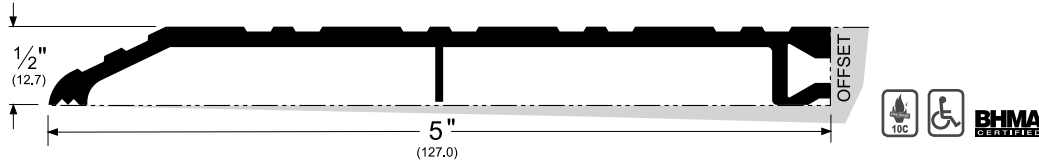
254_

AVAILABLE FINISHES: A, B, D, G



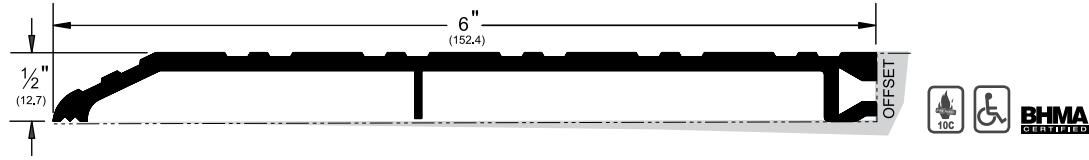
255_

AVAILABLE FINISHES: A, B, D, G



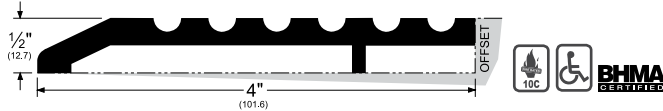
256_

AVAILABLE FINISHES: A, D, G



227_

AVAILABLE FINISHES: A, B, D, G



229_

AVAILABLE FINISHES: A, D, G



Note: the 227 and 229 can be welded to floor plates and supports (pages CT-21), to create custom thresholds which have the same fluting pattern.

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

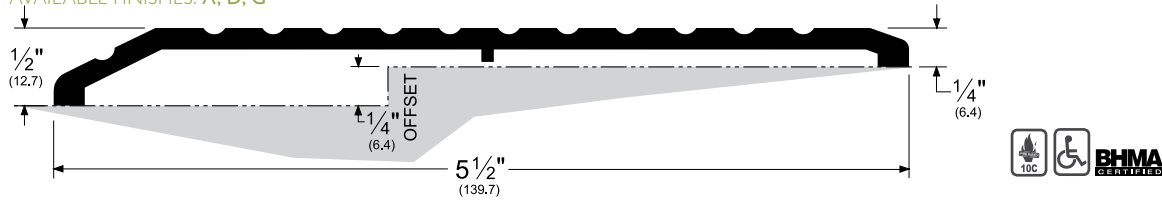
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized)

NOTE: G is available with limited inventory

Half Saddles/Offset Saddles

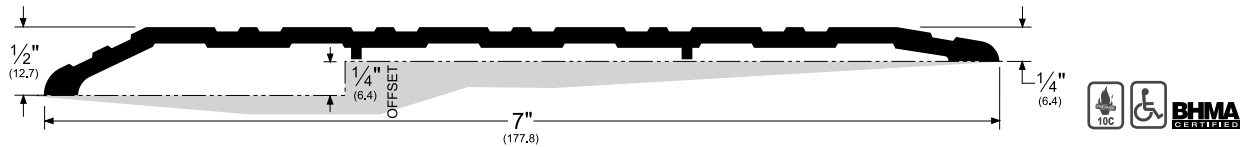
158_

AVAILABLE FINISHES: A, D, G



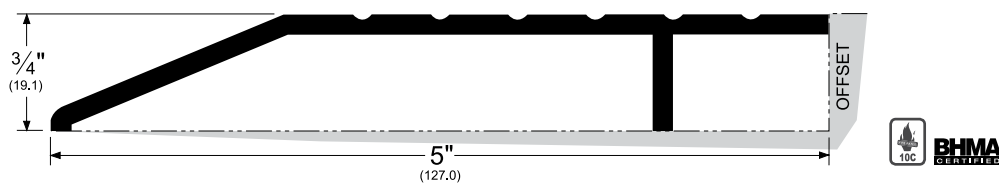
2727_

AVAILABLE FINISHES: A, D, G



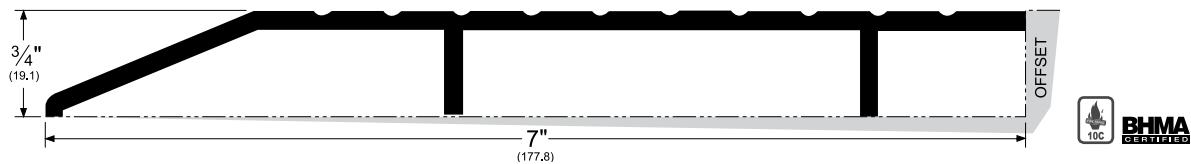
1875_

AVAILABLE FINISHES: A, D, G



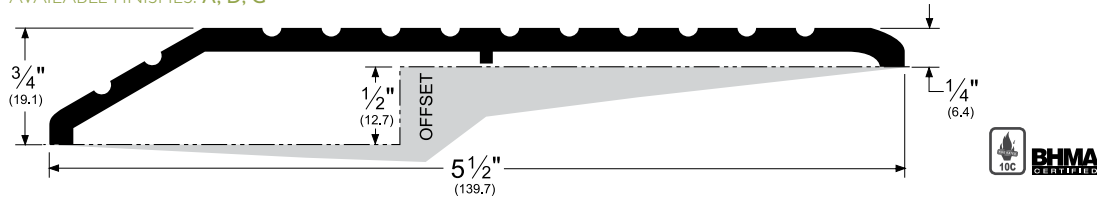
1877_

AVAILABLE FINISHES: A, D, G



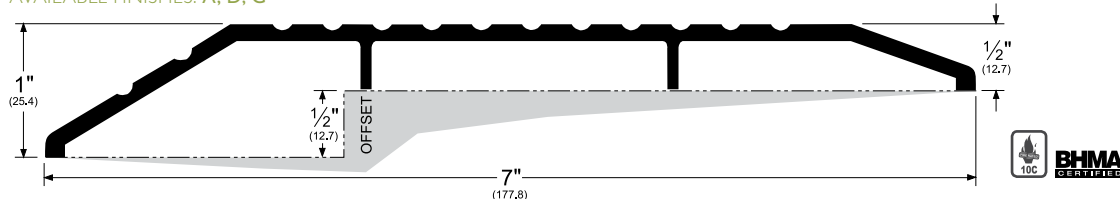
157_

AVAILABLE FINISHES: A, D, G



182_

AVAILABLE FINISHES: A, D, G



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

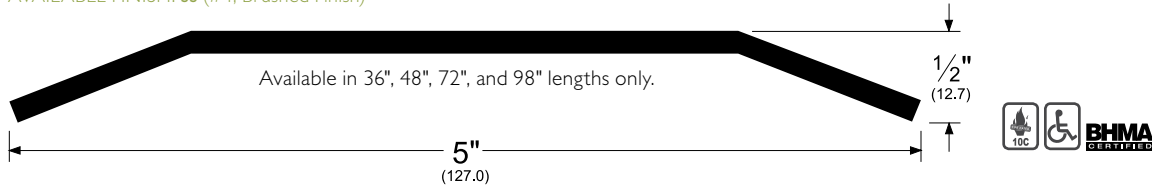
A (Mill Finish Aluminum) D (Dark Bronze Anodized) G (Gold Anodized)

NOTE: G is available with limited inventory

Stainless Steel Saddles

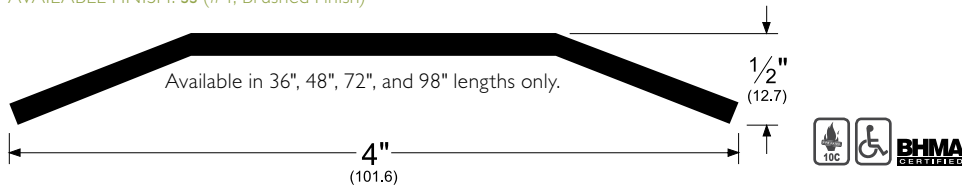
154SS_

AVAILABLE FINISH: SS (#4, Brushed Finish)



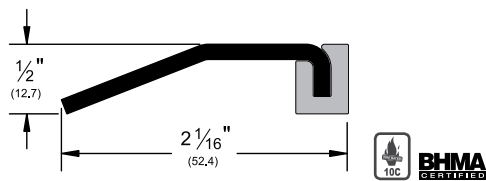
175SS_

AVAILABLE FINISH: SS (#4, Brushed Finish)



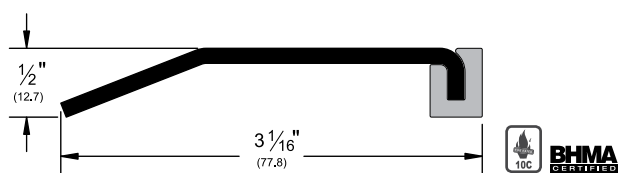
252SS_

AVAILABLE FINISHES: SS (#4, Brushed Finish)



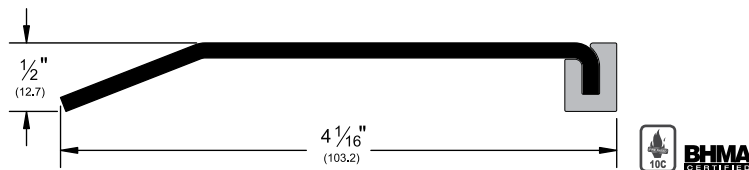
253SS_

AVAILABLE FINISHES: SS (#4, Brushed Finish)



254SS_

AVAILABLE FINISHES: SS (#4, Brushed Finish)



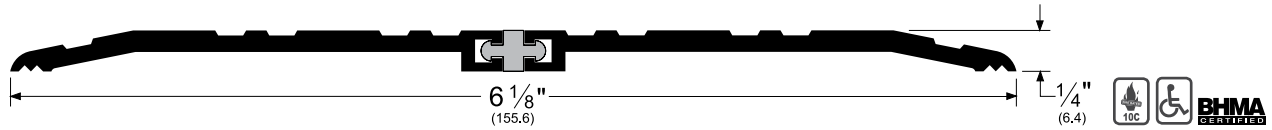
NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
SS (See Individual Part)

Thermal Barrier Saddles

273x3_FG

AVAILABLE FINISHES: A, B, D, G



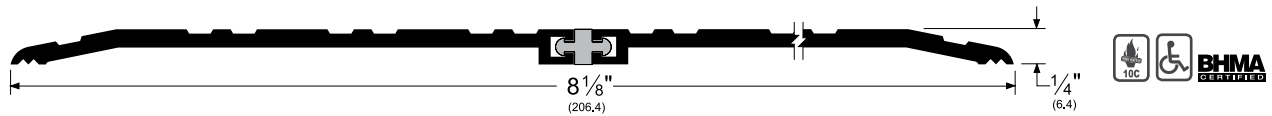
273x4_FG

AVAILABLE FINISHES: A, B, D, G



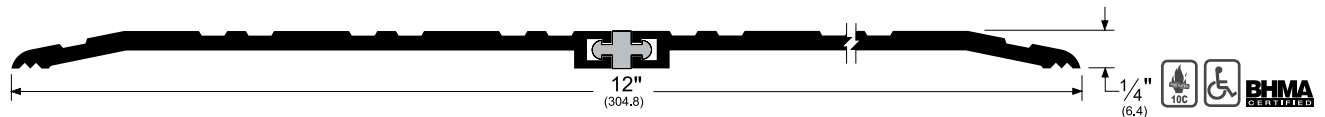
274x4_FG

AVAILABLE FINISHES: A, B, D, G



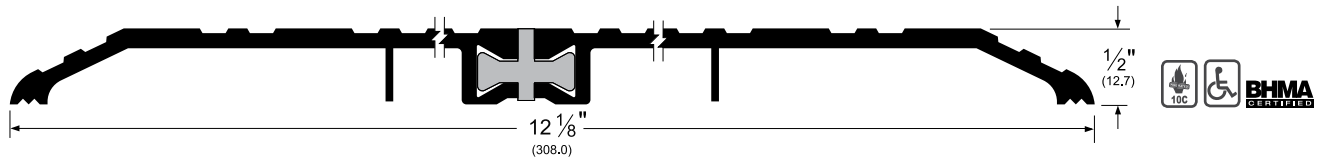
2746x6_FG

AVAILABLE FINISHES: A, D, G



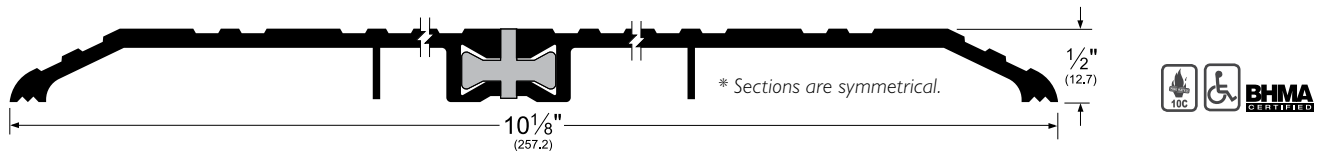
256x6_FG

AVAILABLE FINISHES: A, D, G



255x5_FG

AVAILABLE FINISHES: A, B, D, G



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

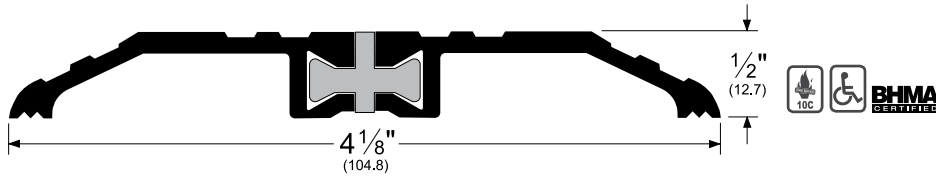
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized)

NOTE: G is available with limited inventory

Thermal Barrier Saddles (Cont.)

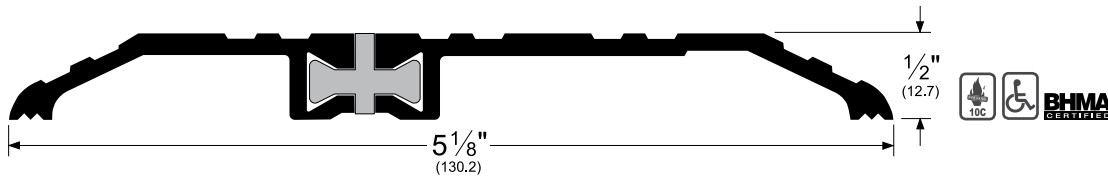
252x2_FG

AVAILABLE FINISHES: A, B, D, G



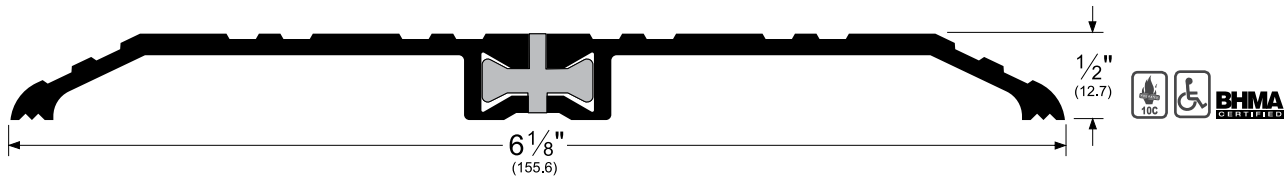
252x3_FG

AVAILABLE FINISHES: A, B, D, G



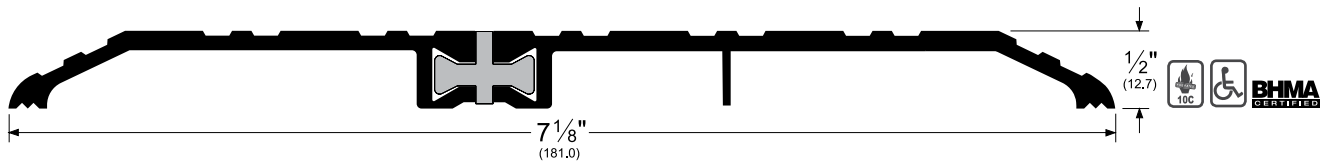
253x3_FG

AVAILABLE FINISHES: A, B, D, G



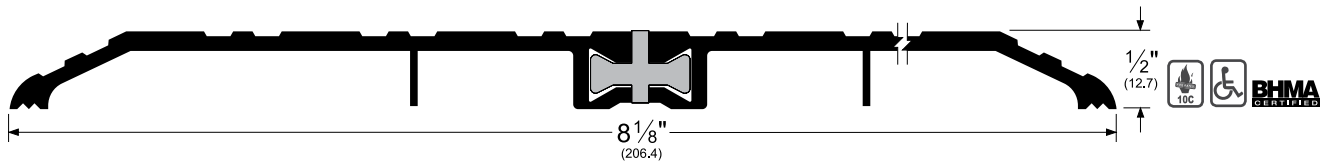
253x4_FG

AVAILABLE FINISHES: A, B, D, G



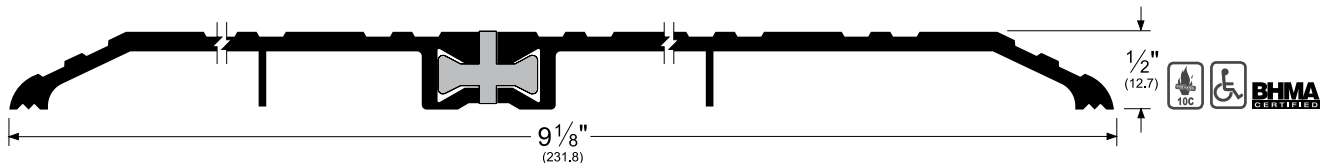
254x4_FG

AVAILABLE FINISHES: A, B, D, G



254x5_FG

AVAILABLE FINISHES: A, B, D, G



NOTE: Products shown in this section may not be drawn to scale.

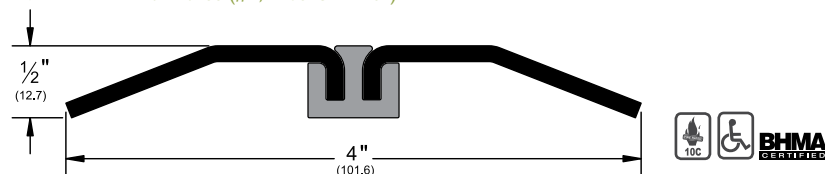
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized)
NOTE: G is available with limited inventory

Stainless Steel Thermal Barrier Threshold

- Black rigid polypropylene key between extrusions provides a thermal barrier (designated by "FG" Frost Guard following finish code)

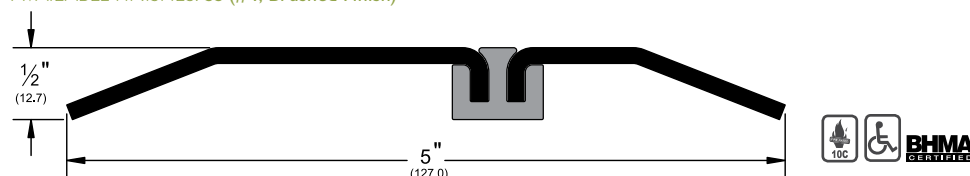
252x2SSFG

AVAILABLE FINISHES: SS (#4, Brushed Finish)



252x3SSFG

AVAILABLE FINISHES: SS (#4, Brushed Finish)



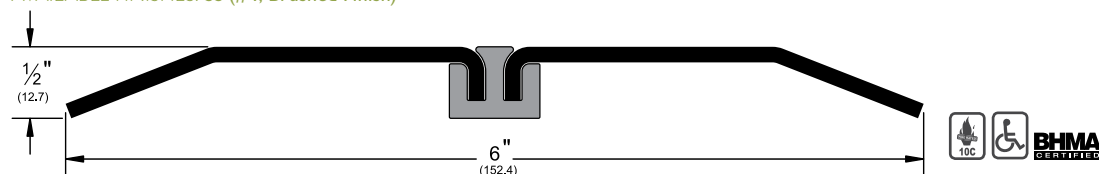
252x4SSFG

AVAILABLE FINISHES: SS (#4, Brushed Finish)



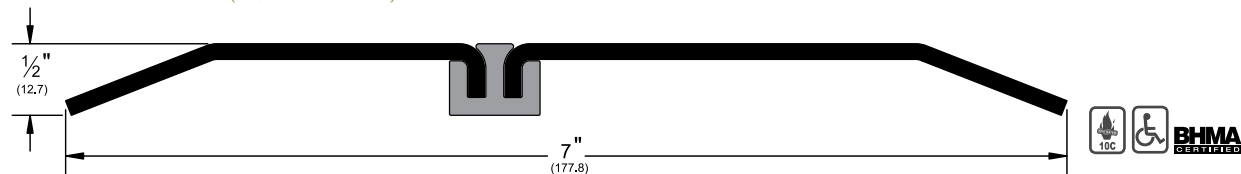
253x3SSFG

AVAILABLE FINISHES: SS (#4, Brushed Finish)



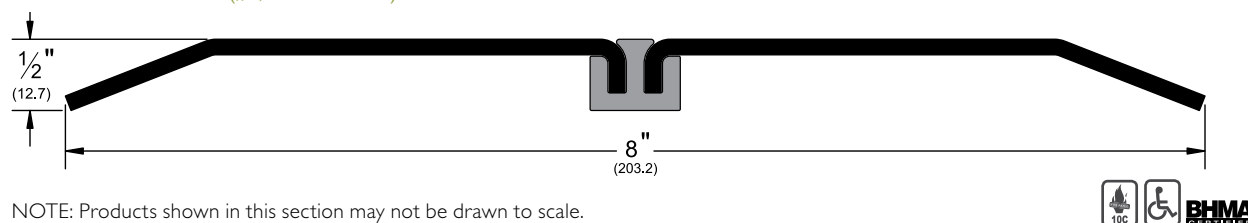
253x4SSFG

AVAILABLE FINISHES: SS (#4, Brushed Finish)



254x4SSFG

AVAILABLE FINISHES: SS (#4, Brushed Finish)



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
SS (See Individual Part)

Latching Panic Exit Saddles

- Used in conjunction with surface applied vertical rod exit device, or as a stop and a seal at the bottom of door
- For offset applications, use an elevator (see page CT-24)
- 2006_T and 2007_T** are only ADA compliant when installed butted to $\frac{1}{4}$ " tile or other floor material

2001_T

AVAILABLE FINISHES: **A, D, G**

Allow $\frac{1}{4}$ " door clearance



2002_Q

AVAILABLE FINISHES: **A, D, G**

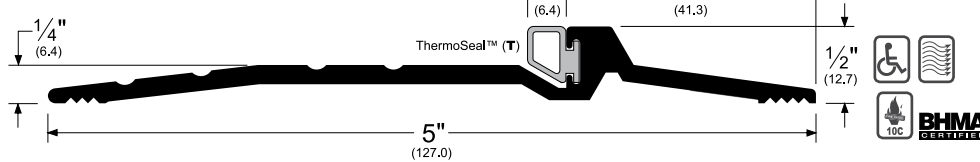
Allow $\frac{1}{4}$ " door clearance



2005_T

AVAILABLE FINISHES: **A, B, D, G**

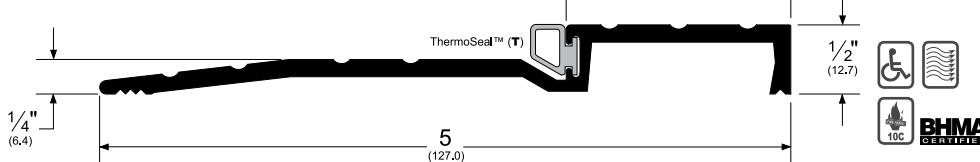
Allow $\frac{3}{8}$ " door clearance



2006_T

AVAILABLE FINISHES: **A, D, G**

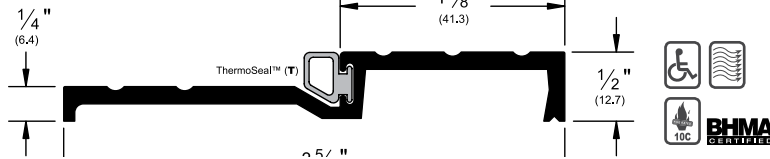
Allow $\frac{3}{8}$ " door clearance



2007_T

AVAILABLE FINISHES: **A, D, G**

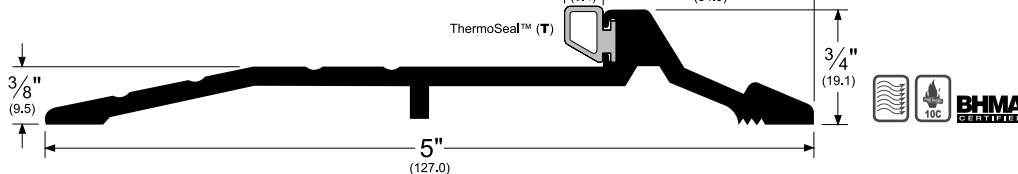
Allow $\frac{3}{8}$ " door clearance



179_T

AVAILABLE FINISHES: **A, B, D, G**

Allow $\frac{1}{2}$ " door clearance



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **D** (Dark Bronze Anodized) **G** (Gold Anodized)

NOTE: **G** is available with limited inventory

Alternate Inserts



pile (**P**)

179_P

2001_P

2005_P

2006_P



vinyl (**V**)

179_V

2001_V

2005_V

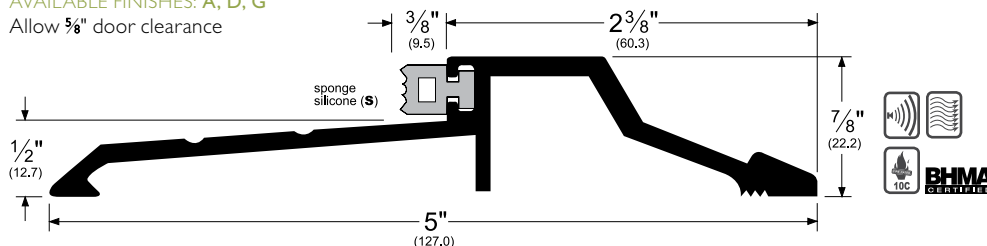
2006_V

Latching Panic Exit Saddles (Cont.)

277_S

AVAILABLE FINISHES: A, D, G

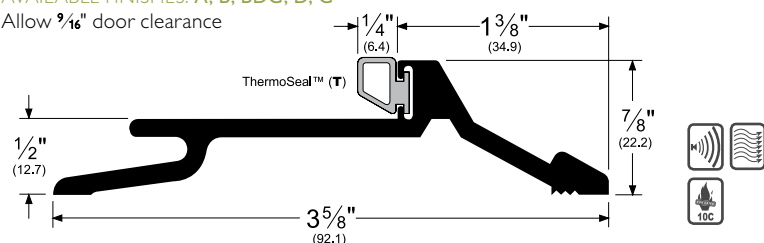
Allow $\frac{5}{8}$ " door clearance



159_T

AVAILABLE FINISHES: A, B, BDG, D, G

Allow $\frac{3}{4}$ " door clearance



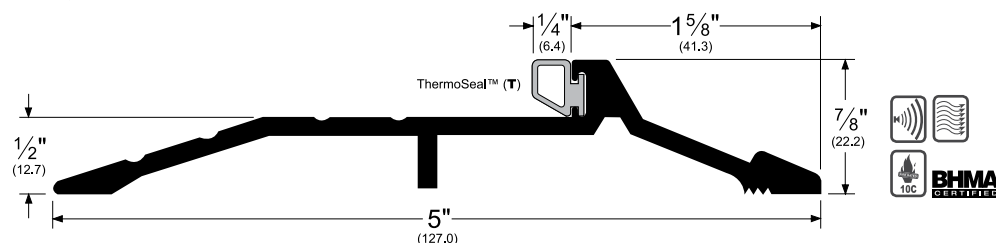
Provided with "J" hook.

Can also be used as an interlock threshold (see Residential Thresholds section)

177_T

AVAILABLE FINISHES: A, B, D, G

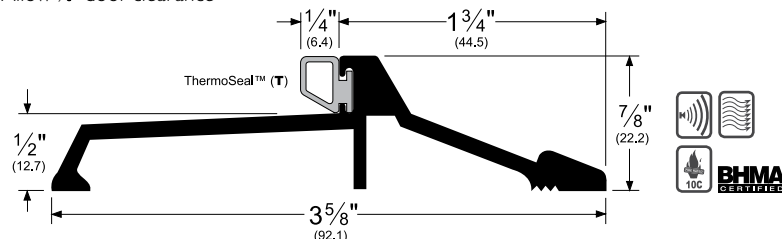
Allow $\frac{5}{8}$ " door clearance



1855_T

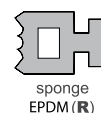
AVAILABLE FINISHES: A, D, G

Allow $\frac{5}{8}$ " door clearance



Alternate Inserts

277_R



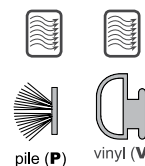
177_P 1855_P



177_V 1855_V



159_P 159_V



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

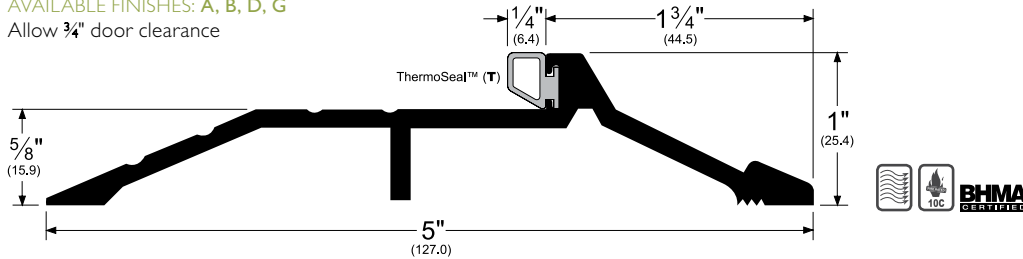
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) G (Gold Anodized)

NOTE: G is available with limited inventory

Latching Panic Exit Saddles (Cont.)

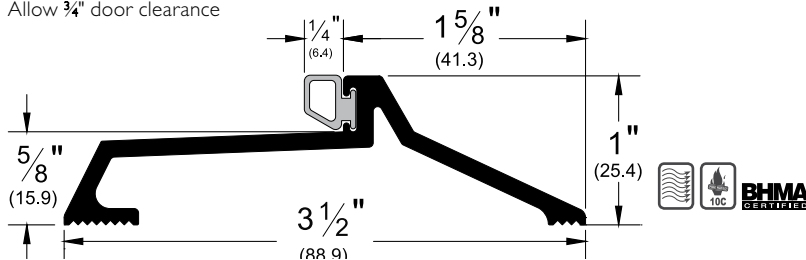
181_T

AVAILABLE FINISHES: A, B, D, G
Allow $\frac{3}{4}$ " door clearance



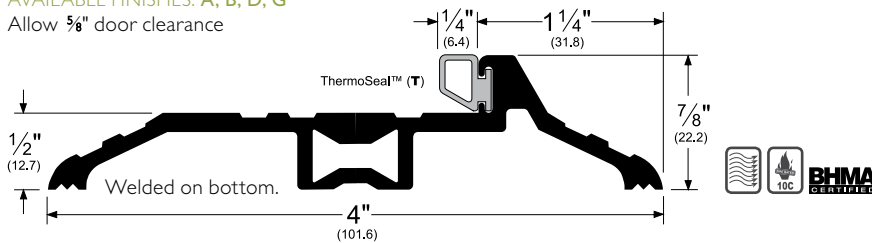
1851

AVAILABLE FINISHES: A, D, G
Allow $\frac{3}{4}$ " door clearance



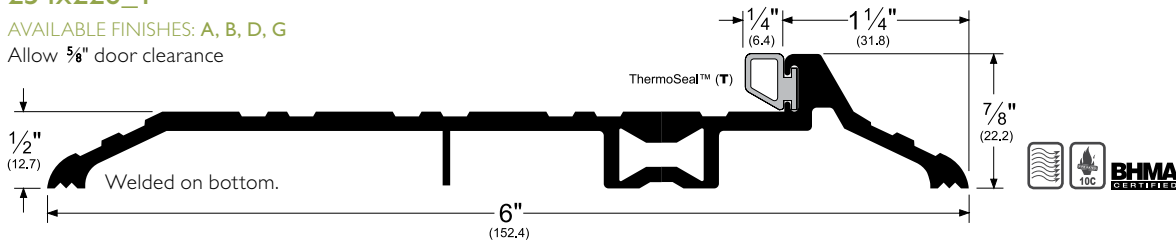
252x226_T

AVAILABLE FINISHES: A, B, D, G
Allow $\frac{5}{8}$ " door clearance



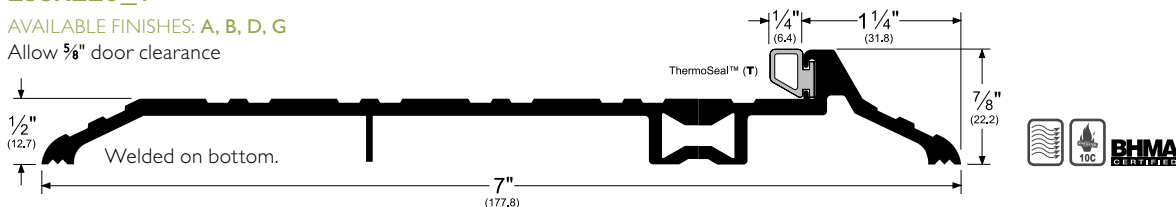
254x226_T

AVAILABLE FINISHES: A, B, D, G
Allow $\frac{5}{8}$ " door clearance



255x226_T

AVAILABLE FINISHES: A, B, D, G
Allow $\frac{5}{8}$ " door clearance



Alternate Inserts

181_P		pile (P)
1851_P		pile (P)
181_V		vinyl (V)*
1851_V		vinyl (V)*
252X226_P		pile (P)
254X226_P		pile (P)
255X226_P		pile (P)
252X226_V		vinyl (V)*
254X226_V		vinyl (V)*
255X226_V		vinyl (V)*

* Vinyl products are not BHMA certified

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized)
NOTE: G is available with limited inventory

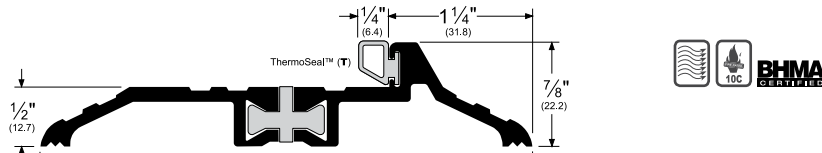
Latching Panic Exit Saddles - Thermal Barrier

- Black rigid polypropylene key between extrusions provides thermal barrier (designated by "FG" Frost Guard following finish code)

- Used in conjunction with surface applied vertical rod exit device, or as a stop and a seal at the bottom of door
- These units are not welded

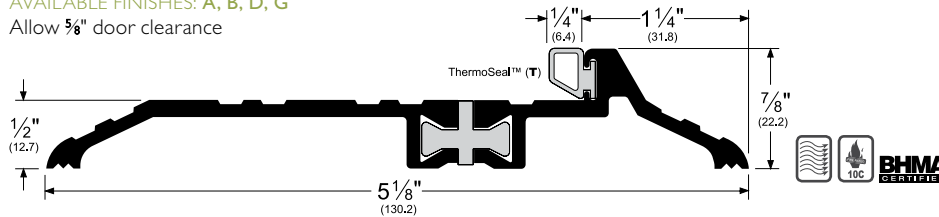
252x226_FGT

AVAILABLE FINISHES: A, B, D, G
Allow $\frac{5}{8}$ " door clearance



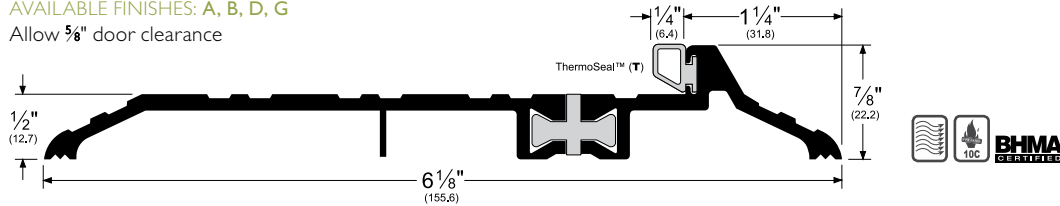
253x226_FGT

AVAILABLE FINISHES: A, B, D, G
Allow $\frac{5}{8}$ " door clearance



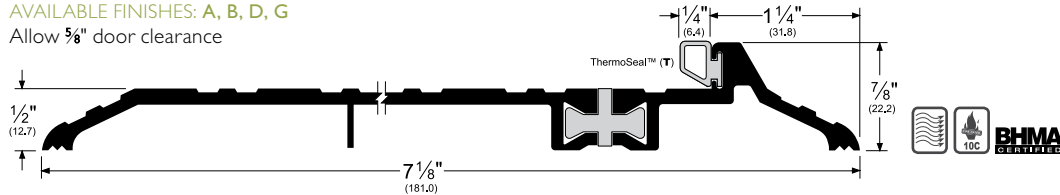
254x226_FGT

AVAILABLE FINISHES: A, B, D, G
Allow $\frac{5}{8}$ " door clearance



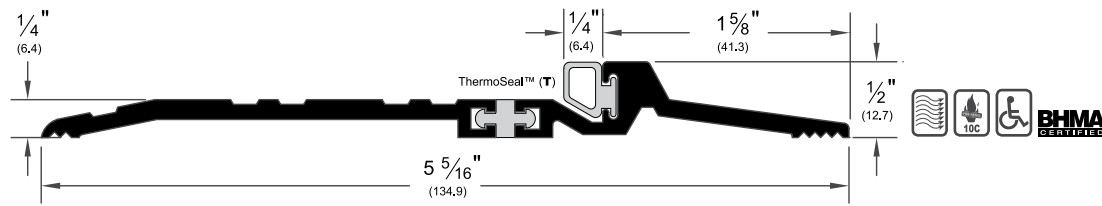
255x226_FGT

AVAILABLE FINISHES: A, B, D, G
Allow $\frac{5}{8}$ " door clearance



273x224_FGT

AVAILABLE FINISHES: A, D, G



Alternate Inserts

252X226_FGP



253X226_FGP



254X226_FGP



255X226_FGP



273x224_FGP



pile (P)

252X226_FGV



253X226_FGV



254X226_FGV



255X226_FGV



273x224_FGV



vinyl (V)*

*Vinyl products are not BHMA certified.

NOTE: Products shown in this section may not be drawn to scale.

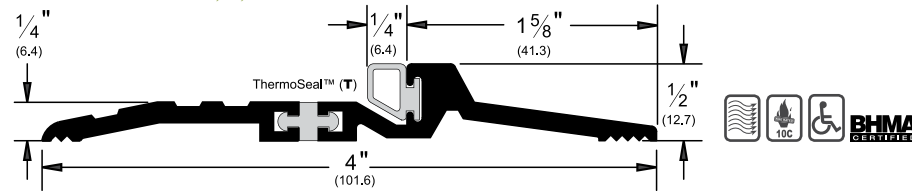
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized)
NOTE: G is available with limited inventory

Latching Panic Exit Saddles - Thermal Barrier (Cont.)

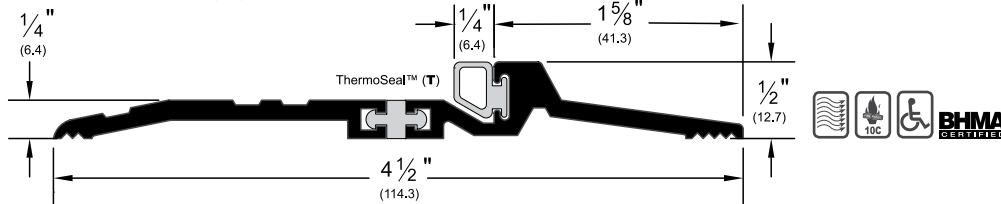
278x224_FGT

AVAILABLE FINISHES: A, D, G



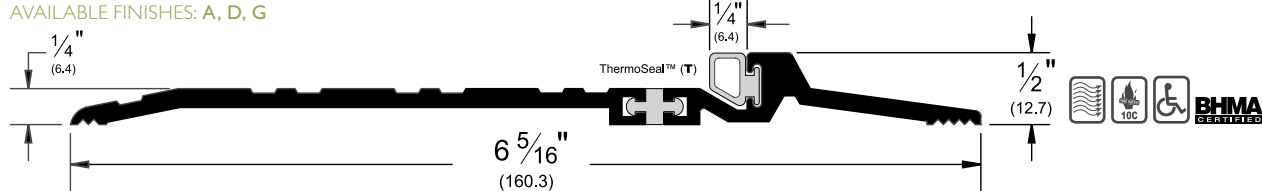
279x224_FGT

AVAILABLE FINISHES: A, D, G



274x224_FGT

AVAILABLE FINISHES: A, D, G



Alternate Inserts

274X224_FGP

278x224_FGP

279x224_FGP



274X224_FGV

278x224_FGV

279x224_FGV



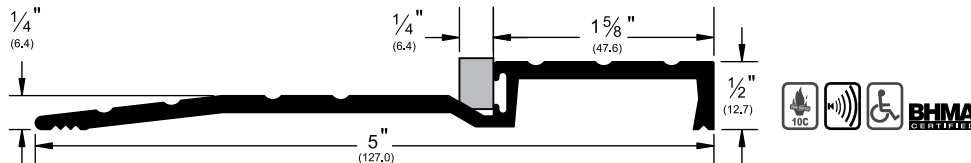
*Vinyl products are not BHMA certified.

Acoustic Thresholds

- PEMKO's line of Acoustic Thresholds are designed to aid with a door's Acoustic STC rating.
- 2006STCxQ380 and 2007STCxQ380 are only ADA compliant when installed butted to other flooring materials in accordance with ADA guidelines
- Thresholds will not improve a door's "sealed-in-place" STC rating
- See Acoustic Brochure on PEMKO's website (www.pemko.com) for more Acoustic products and additional information

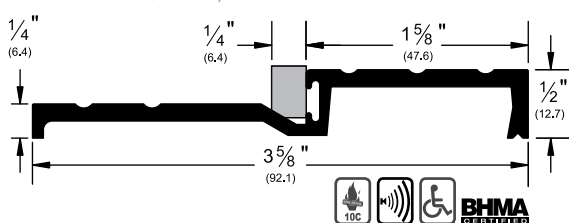
2006STCxQ380_

AVAILABLE FINISHES: A, D



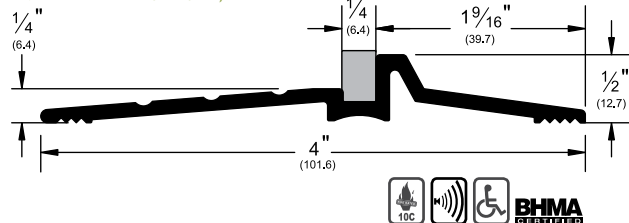
2007STCxQ380_

AVAILABLE FINISHES: A, D



2008STCxQ380_

AVAILABLE FINISHES: A, D



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) D (Dark Bronze Anodized) G (Gold Anodized)

NOTE: G is available with limited inventory

Vinyl Thresholds

- Vinyl thresholds create an ideal transition where two different pieces of carpet meet, or carpet meets another surface under a door
- Ideal for use in any high-traffic commercial installation, such as hotels and offices
- Vinyl thresholds are manufactured from slightly softer material than competitive products. This aids in the cutting and fitting of the threshold and facilitates easier

insertion of the carpet into the holding cavities on the carpet side(s) of the threshold

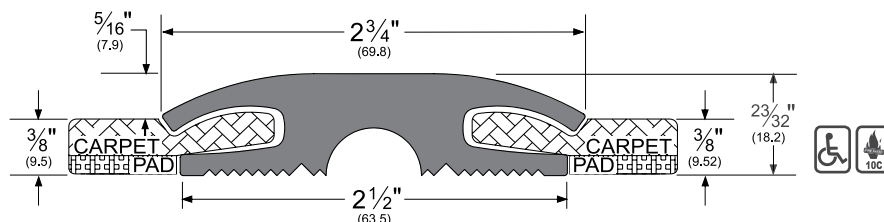
- Vinyl thresholds are designed to work in conjunction with PEMKO's **2173_V**, **2113_V** and **2343_V** door shoes
- **V232_**, **V2325_** and **ADJ232V** thresholds have been tested and approved under **ADAAG-1998 (Amended)**; **ICC/ANSI A117.1** and **California Building Code, Title 24** for Barrier-Free Entry

V232_

AVAILABLE COLORS: **BL, D**

AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where two pieces of carpet meet beneath an interior door

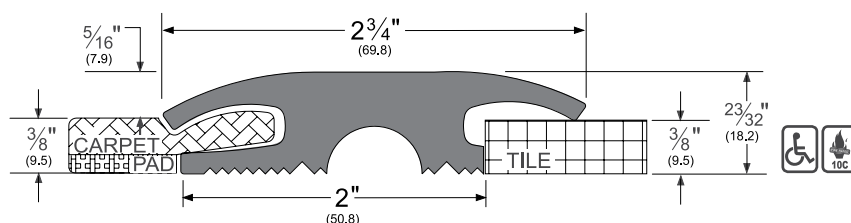


V2325_

AVAILABLE COLORS: **BL, D**

AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where two pieces of carpet meet beneath an interior door

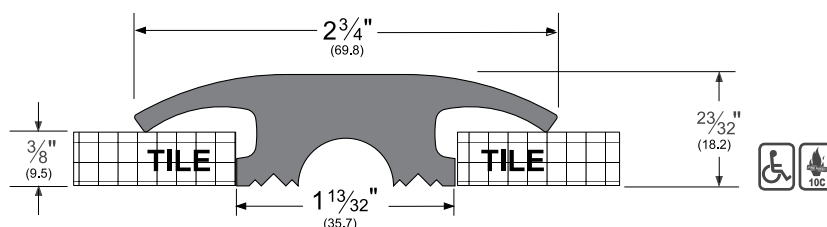


V2326_

AVAILABLE COLORS: **BL, D**

AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where two pieces of carpet meet beneath an interior door

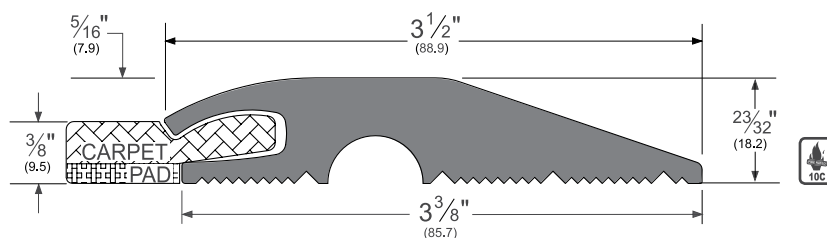


V2320_

AVAILABLE COLOR: **BL**

AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where carpet meets concrete beneath an interior or exterior door

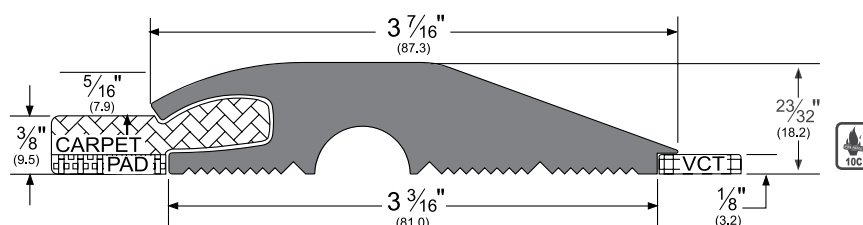


V2322_

AVAILABLE COLOR: **BL**

AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where carpet meets 1/8" tile beneath an interior door



NOTE: Products shown in this section may not be drawn to scale.

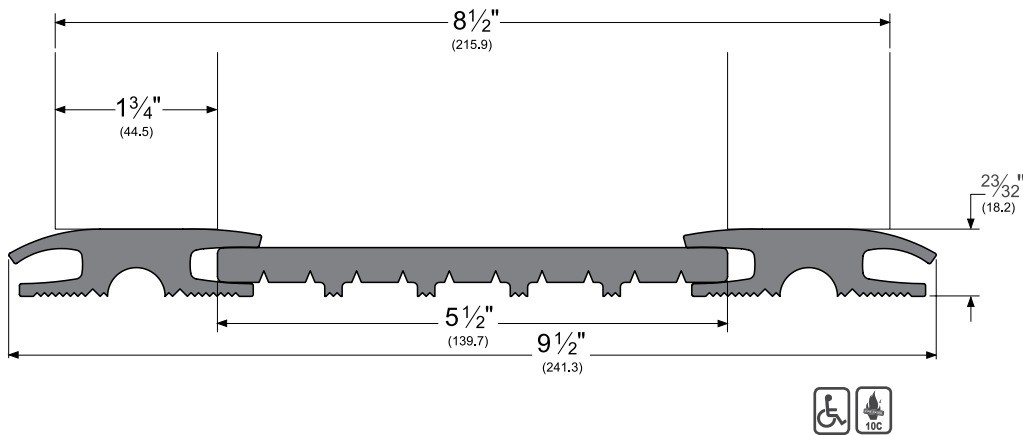
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BL (Black) **D** (Dark Bronze Anodized) is a special finish; available upon request

Adjustable-Width Vinyl Threshold

- The adjustable-width threshold is designed for installations where the widths of the transition beneath a door may need to change, without completely disassembling and reinstalling the threshold
- The adjustable-width threshold consists of two vinyl end pieces and one vinyl adjustable center section
- Center section (V2321_ below) can easily be cut to size with a standard razor knife

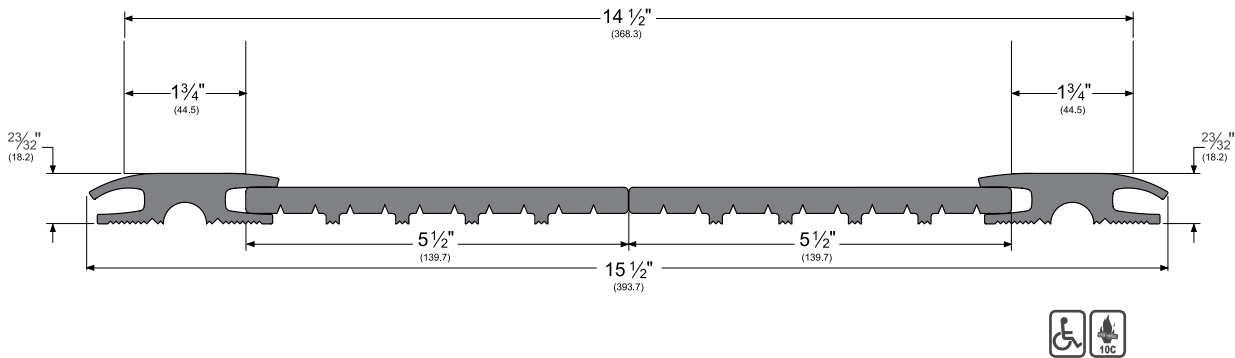
ADJ232V8_

AVAILABLE COLOR: **BL**
AVAILABLE LENGTHS: 36", 48"



ADJ232V14_

AVAILABLE COLOR: **BL**
AVAILABLE LENGTHS: 36", 48"



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BL (Black)

Heavy Duty Thresholds

- Ideal for heavy-duty, high-traffic and high weight-bearing applications, such as industrial facilities, schools, cafeterias, manufacturing buildings and hospitals
- Withstands coastal and high-humidity conditions
- Ultra-durable, extra thick extruded nickel-aluminum construction is guaranteed for ten (10) years

1715_

AVAILABLE FINISHES: A, AK, D

Allow $\frac{5}{8}$ " door clearance



All items on this page are available with **PemKote™** non-slip coating (see General Information section). Please specify "PemKote™" when ordering. Please furnish drilling instructions when ordering PemKote™ as it is difficult to drill through this coating.

Modular Heavy Duty Thresholds

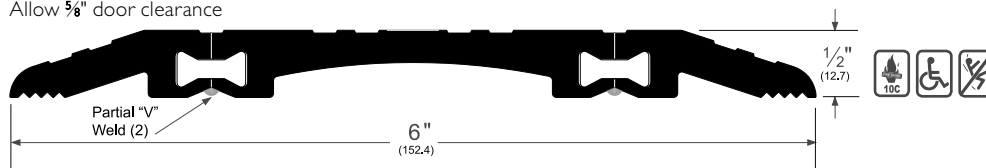
- Modular construction allows threshold to fit openings up to 15" wide without the expense of custom cast

thresholds. There is no restriction on width additions (in 1" increments)

1716_

AVAILABLE FINISHES: A, AK, D

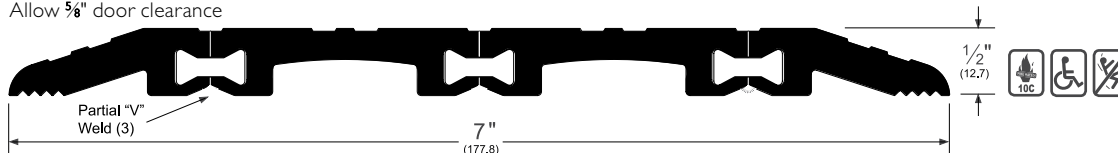
Allow $\frac{5}{8}$ " door clearance



1717_

AVAILABLE FINISHES: A, AK, D

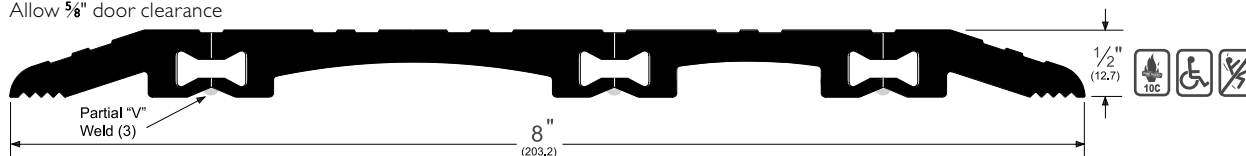
Allow $\frac{5}{8}$ " door clearance



1718_

AVAILABLE FINISHES: A, AK, D

Allow $\frac{5}{8}$ " door clearance



1719_

AVAILABLE FINISHES: A, AK, D

Allow $\frac{5}{8}$ " door clearance



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) AK (Mill Finish Aluminum w/PemKote™ Non-Slip Coating)

D (Dark Bronze Anodized) is a special finish; available upon request

Floor Plates/Safety Treads

- PEMKO can fabricate almost any floor plate threshold you might require
- Furnished undrilled unless drilling instructions are specified when ordering
- Ordering of fasteners does not constitute drilling instructions
- Elevated floor plates require support every 4" on center, at welded seams, and as necessary for support
- Orders with "x" in the product number (i.e. 195 x 193 x 195) indicate welding

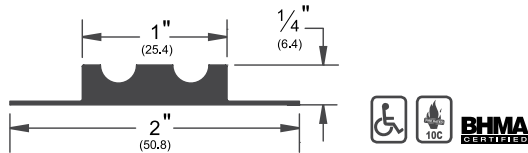


Available with PemKote™ non-slip coating (see General Information section). Please specify "PemKote™" when ordering. Please furnish drilling instructions when ordering PemKote™ as it is difficult to drill through this coating.

E197_

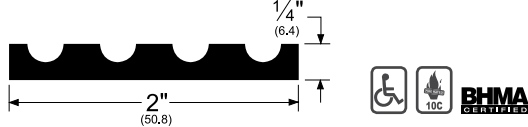
AVAILABLE FINISHES: **Black (blank)**

- EPDM Expansion Joint



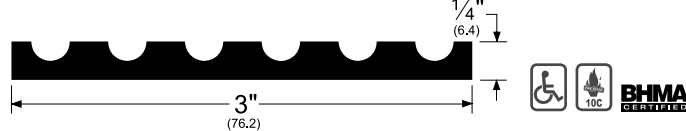
190_

AVAILABLE FINISHES: **A, B, D, G**



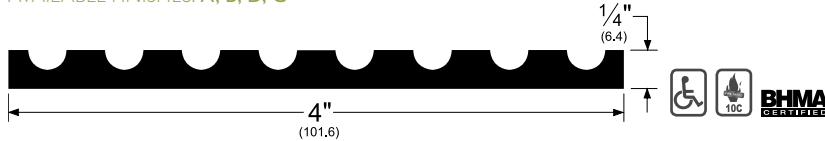
191_

AVAILABLE FINISHES: **A, B, D, G**



192_

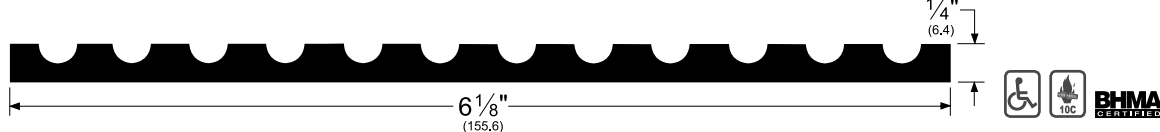
AVAILABLE FINISHES: **A, B, D, G**



Extruded bronze (**B**) plates are fluted on both sides

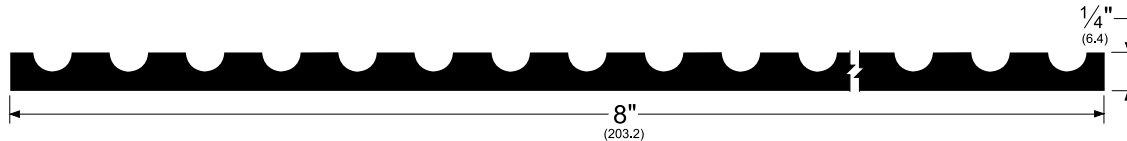
193_

AVAILABLE FINISHES: **A, B, D, G**



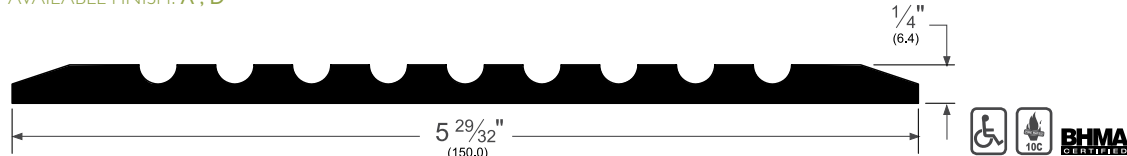
228_

AVAILABLE FINISHES: **A, D, G**



2266_

AVAILABLE FINISH: **A, D**

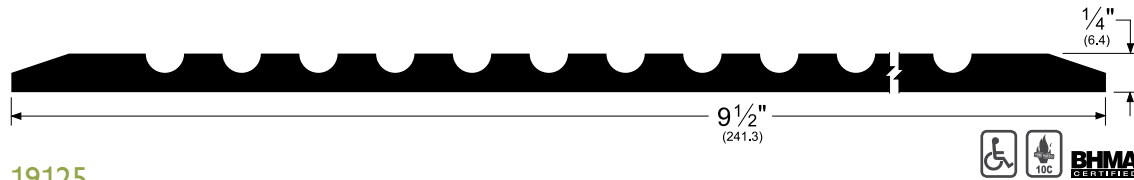


AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **D** (Dark Bronze Anodized) **G** (Gold Anodized)
NOTE: **G** is available with limited inventory

Floor Plates/Safety Treads (Cont.)

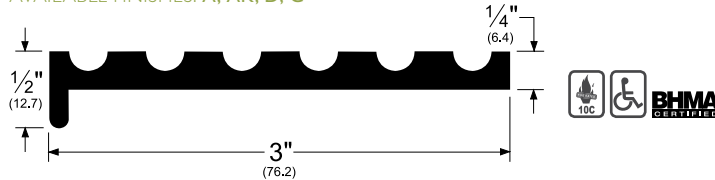
2286_

AVAILABLE FINISHES: A, D, G



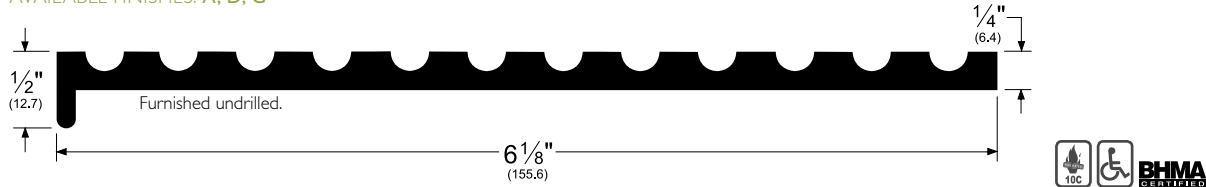
19125_

AVAILABLE FINISHES: A, AK, D, G



19325_

AVAILABLE FINISHES: A, D, G

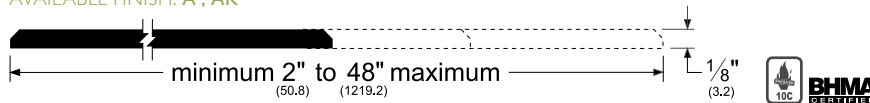


Aluminum Plates

- Used where a cover plate, expansion joint plate or wide extra-strength metal plate is needed
- Maximum length is 144". All aluminum plates are provided NET length
- Both width edges are beveled at a 45° angle; "single edge bevel" or "no bevel" is also available at no extra cost
- Plates are supplied undrilled unless otherwise specified. PEMKO reserves the right to charge for special fastener patterns
- Plates are furnished with #10 x 1 1/2" plated wood screws. Screws supplied: one (1) screw per foot up to 8" wide; two (2) screws per foot 8" to 12" wide; and three (3) screws per foot over 12" wide
- Plates are ADA compliant only when ordered with PemKote finish

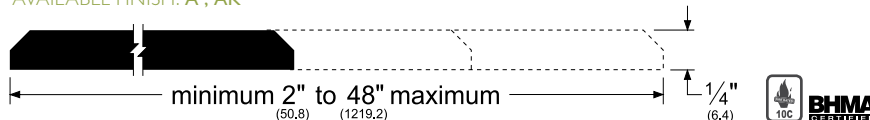
18/1_ - (width x length)

AVAILABLE FINISH: A, AK



14/1_ - (width x length)

AVAILABLE FINISH: A, AK



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

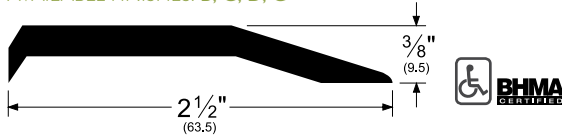
A (Mill Finish Aluminum) AK (Mill Finish Aluminum w/Pemkote Non-Slip Coating) D (Dark Bronze Anodized) G (Gold Anodized)

NOTE: G is available with limited inventory

Carpet Separators

174_

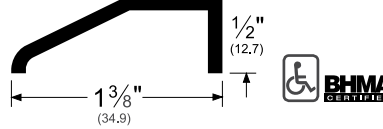
AVAILABLE FINISHES: B, C, D, G



1951_

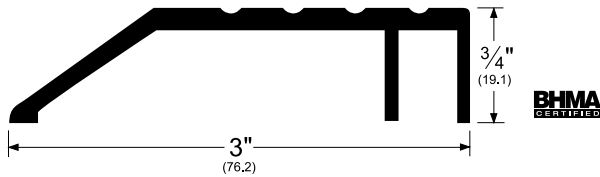
AVAILABLE FINISHES: A, D

Supplied undrilled unless otherwise specified



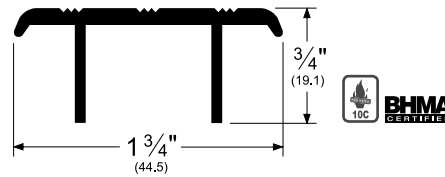
230_

AVAILABLE FINISHES: A, D, G



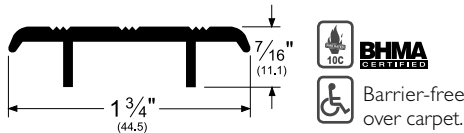
246_

AVAILABLE FINISHES: A, D



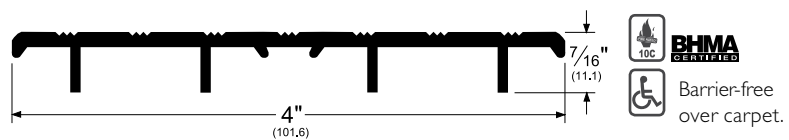
236_

AVAILABLE FINISHES: A, B, BDG, D, G



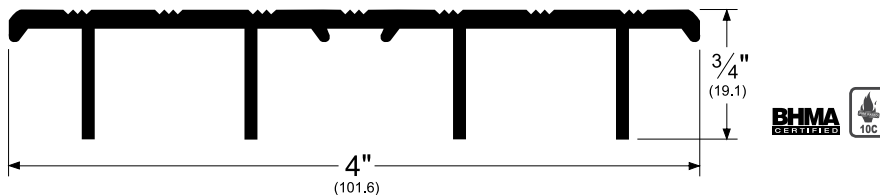
2364_

AVAILABLE FINISHES: A, B, D, G



2464_

AVAILABLE FINISHES: A, D, G



2366_

AVAILABLE FINISHES: A, D



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized)

C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)

NOTE: G is available with limited inventory

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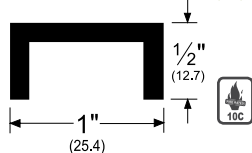
ASSA ABLOY, the global leader
in door opening solutions

Floor Plate Supports/Accessories

- Please see information under Floor Plates and Safety Treads (page CT-21)

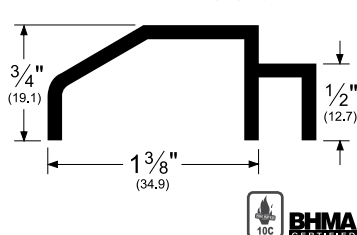
189_

AVAILABLE FINISHES: A, B, D, G



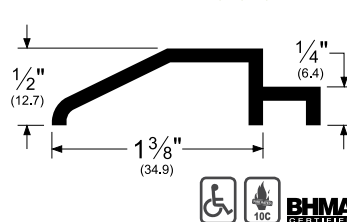
194_

AVAILABLE FINISHES: A, B, D, G



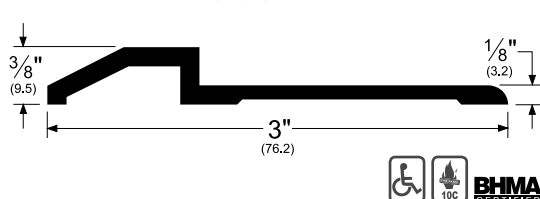
195_

AVAILABLE FINISHES: A, B, D, G



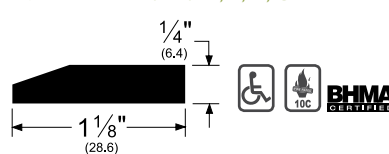
200_

AVAILABLE FINISHES: A, B, D, G



196_

AVAILABLE FINISHES: A, B, D, G



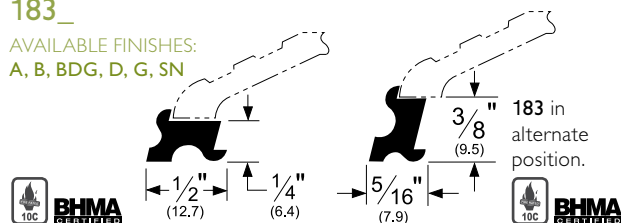
Please specify whether 196 material is to be used as trim or support

Elevators

- Elevators allow for custom sizing in offset conditions

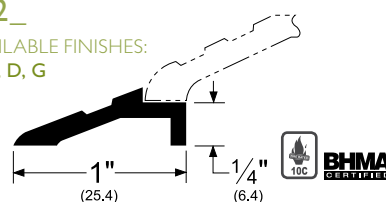
183_

AVAILABLE FINISHES:
A, B, BDG, D, G, SN



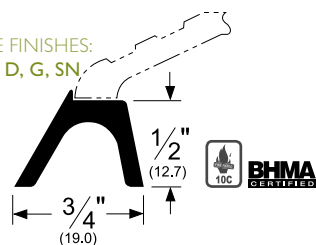
282_

AVAILABLE FINISHES:
A, B, D, G



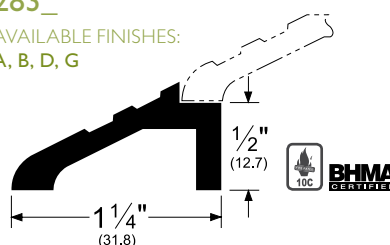
188_

AVAILABLE FINISHES:
A, B, BDG, D, G, SN



283_

AVAILABLE FINISHES:
A, B, D, G



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized)
D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized)

NOTE: G, SN are available with limited inventory

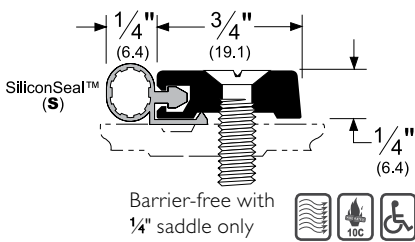
Threshold Stop Strips

- Use with standard flat top threshold saddle to provide a door stop and seal at bottom of door
- Stop strips are supplied pre-drilled with #10-24 Phillips flat head machine screws of appropriate length
- These stops will effect the pivot hole location of an assembly

1842_S

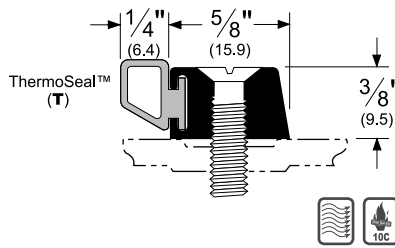
AVAILABLE FINISHES: A, D, G

Allow 1/8" door clearance from top of threshold



184_T

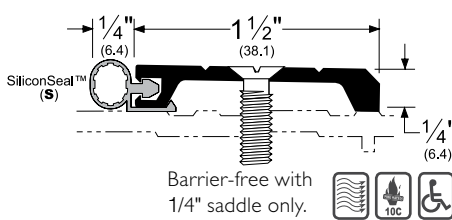
AVAILABLE FINISHES: A, B, D, G



290_SSTOP

AVAILABLE FINISHES: A, D, G

Allow 1/8" door clearance from top of threshold



Alternate inserts for Threshold Stop Strips

1842_PK

290_PKSTOP



PemkoPrene™ (PK)

184_P



pile (P)

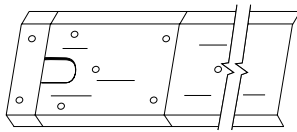
NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized)
NOTE: G is available with limited inventory

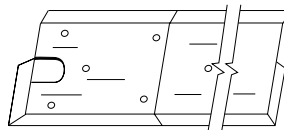
Floor Closer Thresholds/Cover Plate Assemblies

- **TYPE OF ASSEMBLY** – Type 11 or 14 for center hung, Type 13 or 15 for offset hung
- **MATERIALS** – Saddles, floor plates, supports, risers, elevators, and stop strips
- **CLOSER TO BE USED** – Manufacturer and model number
- **NET LENGTH** – Jamb-to-Jamb. Assembly Types 11, 13 and 14 are cut with center section $\frac{1}{2}$ " over net length up to 48" and 1" over net length over 48" to allow for fitting on the job. Please specify "net length", if required. Assembly Type 15 is cut at net length because of factory-cut miters
- **HANDING** – For single doors, specify right or left hand. For pairs of doors, handing is not required
- **SPECIAL FINISHES** – Examples include polished, oxidized and oil rubbed, Satin Buff, and PemKote™
- **SPECIAL FASTENERS** – For center section only. Examples include: MS and ES, FHSL25 and SS/MS & ES
- **SPECIAL FABRICATION INSTRUCTIONS** – Notching, full miters, etc. Assembly Type 11 is supplied without mitered ends, and assembly Types 13, 14 and 15 are supplied with both ends mitered. Also, when ordering stop strips (shown on page 42), specify door thickness and pivot offset so that the threshold assembly width and pivot dimension can be determined
- **RETURNS AND ALLOWANCES** – No merchandise made for special order will be accepted for return or credit

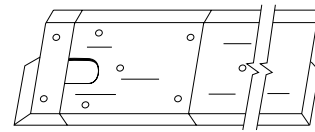
THRESHOLD WIDTH	FASTENER ROWS	THRESHOLD WIDTH	FASTENER ROWS
2" TO 7-7/8"	1 Row	19" to 24-7/8"	4 Rows
8" to 12-7/8"	2 Rows	25" to 30-7/8"	5 Rows
13" to 18-7/8"	3 Rows	31" to 36-7/8"	6 Rows



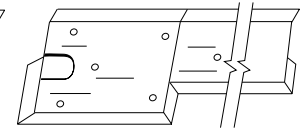
TYPE 11



TYPE 13



TYPE 14



TYPE 15

THRESHOLDS FOR TYPE 11, 13, 14				
SIZE	PRODUCT NUMBER	FINISHES	PRODUCT NUMBER	FINISHES
$\frac{1}{2}$ " x 7"	176_	A, B, D, G		
$\frac{1}{4}$ " x 7"	276_	A, B, D, G		
$\frac{1}{2}$ " x 8"	2548_	A, D, G	254_ x 4_	B
$\frac{1}{4}$ " x 8"	2748_	A, D, G	274_ x 4_	B
$\frac{1}{2}$ " x 8 $\frac{7}{8}$ "	193_ x 2/195_	A, B, D, G		
* $\frac{3}{4}$ " x 12" x $\frac{1}{4}$ "	257_ x 259_	A, B, D, G		

* Ramp threshold for $\frac{1}{2}$ " offset.

THRESHOLDS FOR TYPE 15				
SIZE	PRODUCT NUMBER	FINISHES	PRODUCT NUMBER	FINISHES
$\frac{1}{2}$ " x 7" x 4"	176_ x 170_	A, B, D, G		
$\frac{1}{4}$ " x 7" x 4"	276_ x 270_	A, B, D, G		
$\frac{1}{2}$ " x 7" x 5"	176_ x 171_	A, B, D, G		
$\frac{1}{4}$ " x 7" x 5"	276_ x 271_	A, B, D, G		
$\frac{1}{2}$ " x 8" x 4"	2548_ x 170_	A, D, G	254 x 4_ x 170_	B
$\frac{1}{4}$ " x 8" x 4"	2748_ x 270_	A, D, G	274 x 4_ x 270_	B
$\frac{1}{2}$ " x 8" x 5"	2548_ x 171_	A, D, G	254 x 4_ x 171_	B
" x 8" x 5"	2748_ x 271	A, D, G	274 x 4_ x 271_	B

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **D** (Dark Bronze Anodized) **G** (Gold Anodized)
 NOTE: **G** is available with limited inventory

MODULAR RAMPS

CONTENTS:

Modular Ramp Threshold Assemblies - Flush Applications.....	MR-2
Modular Ramp Threshold Assemblies - Offset Applications (7" Top Plate).....	MR-3
Modular Ramp Threshold Assemblies - Offset Applications (3½" Top Plate).....	MR-4
Modular Ramp Threshold Components	MR-5
Modular Ramp Threshold Assemblies - Variables.....	MR-6
Riser For Modular Ramps.....	MR-6
Miter Returns For All Modular Ramp Thresholds.....	MR-7
Barrier-Free Ramp Thresholds.....	MR-8
Fire Retardant and Styrene Butadiene Rubber Ramp Thresholds.....	MR-9
Rubber Ramp Miter Returns.....	MR-10
Recycled Rubber Ramp Assembly.....	MR-10

INDEX:

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
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257x259	MR-8	R1.25OSSMR.....	MR-4	RAMP 4.....	MR-5
259	MR-8	R1.5F.....	MR-2	RAMP 5.....	MR-5
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R.5OS.....	MR-3	R1.5OSMR.....	MR-3	RAMP 8.....	MR-5, MR-6
R.5OSMR.....	MR-3	R1.5OSS.....	MR-4	RAMP 9.....	MR-5, MR-6
R.5OSS.....	MR-4	R1.5OSSMR.....	MR-4	RAMP10.....	MR-5, MR-6
R.5OSSMR.....	MR-4	R1.75F.....	MR-2	RAMP 11.....	MR-5, MR-6
R.75F.....	MR-2	R1.75FMR.....	MR-2	RAMP 12.....	MR-5, MR-6
R.75FMR.....	MR-2	R1.75OS.....	MR-3	RAMP 13.....	MR-6
R.75OS.....	MR-3	R1.75OSMR.....	MR-3	RAMP 14.....	MR-6
R.75OSMR.....	MR-3	R1.75OSS.....	MR-4	RR1.25FMR.....	MR-10
R.75OSS.....	MR-4	R1.75OSSMR.....	MR-4	RR1.....	MR-9
R.75OSSMR.....	MR-4	R2F.....	MR-2	RR2.....	MR-9
R1F.....	MR-2	R2FMR.....	MR-2	RR12_H.....	MR-10
R1FMR.....	MR-2	R2OS.....	MR-3	RVAROSS.....	MR-6
R1OS.....	MR-3	R2OSMR.....	MR-3	SBR.5F.....	MR-9
R1OSMR.....	MR-3	R2OSS.....	MR-4	SBR.5FMR.....	MR-9
R1OSS.....	MR-4	R2OSSMR.....	MR-4	SBR1F.....	MR-9
R1OSSMR.....	MR-4	R2.25F.....	MR-2	SBR1FMR.....	MR-9
R1.25F.....	MR-2	R2.25FMR.....	MR-2	WING 10_H.....	MR-7
R1.25FMR.....	MR-2	RAMP 1.....	MR-5	WING 16_H.....	MR-7
R1.25OS.....	MR-3	RAMP 2.....	MR-6	WING EXT_H.....	MR-7
R1.25OSSMR.....	MR-3				

Modular Ramp Threshold Assemblies

- Assemblies accommodate $\frac{1}{2}$ " to $2\frac{1}{4}$ " floor offsets in meeting the 1:12 slope requirements of the "Americans with Disabilities Act". Even higher offsets can be accommodated by using the risers, **RAMP13_** and **RAMP14_**
- "MR" in a product number denotes that one-pair of miter returns (and extenders, if applicable) is included. Otherwise, we recommend filling and feathering the threshold ends with grout. Do not leave threshold ends open
- Miter Returns are available for offsets up to $2\frac{1}{4}$ "
- Assemblies are supplied with #10 stainless steel wood

screws. Stainless steel machine screws and expansion shields are available at an extra cost

- Assemblies allow for custom fabrication; please consult PEMKO Customer Service
- Assemblies are provided NET length

PemKote™ is highly recommended for all threshold assemblies, especially exterior conditions where moisture may be present.



Only with PemKote™ Non-Slip Coating

Flush Applications

$\frac{1}{2}$ " Floor Offset

R.5F_

R.5FMR_ **



AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH: $6\frac{1}{8}$ "
 # OF COMPONENTS: 1



Complete assembly drawings available online

$\frac{3}{4}$ " Floor Offset

R.75F_

R.75FMR_ **



AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH: $9\frac{1}{4}$ "
 # OF COMPONENTS: 2



1" Floor Offset

R1F_

R1FMR_ **



AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH: $12\frac{3}{8}$ " #
 OF COMPONENTS: 2



$1\frac{1}{4}$ " Floor Offset

R1.25F_

R1.25FMR_ **



AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH: $15\frac{1}{2}$ "
 # OF COMPONENTS: 3



$1\frac{1}{2}$ " Floor Offset

R1.5F_

R1.5FMR_ **



AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH: $18\frac{3}{8}$ "
 # OF COMPONENTS: 3



$1\frac{3}{4}$ " Floor Offset

R1.75F_

R1.75FMR_ **



AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH: $21\frac{3}{4}$ "
 # OF COMPONENTS: 4



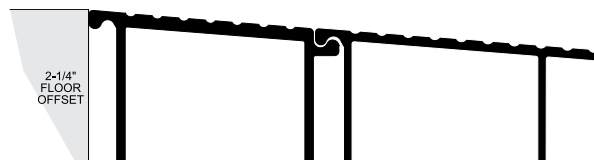
2" Floor Offset

R2F_

R2FMR_ **



AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH: $24\frac{7}{8}$ "
 # OF COMPONENTS: 4



$2\frac{1}{4}$ " Floor Offset

R2.25F_

R2.25FMR_ **



AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH: 28"
 # OF COMPONENTS: 5

NOTE: Greater offset may be accomplished by using PEMKO risers.
 ** = Miter Returns are not ADA Compliant

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **AK** (Mill Finish Aluminum with PemKote™ Non-Slip Coating)

Offset Applications (7" Top Plate)

1/2" Floor Offset

R.5OS_
R.5OSMR_**



AVAILABLE FINISHES: **A, AK**
ASSEMBLY LENGTH*: 16 1/4"
OF COMPONENTS: 3



Complete assembly drawings available online.

3/4" Floor Offset

R.75OS_
R.75OSMR_**



AVAILABLE FINISHES: **A, AK**
ASSEMBLY LENGTH*: 19 3/8"
OF COMPONENTS: 3



1" Floor Offset

R1OS_
R1OSMR_**



AVAILABLE FINISHES: **A, AK**
ASSEMBLY LENGTH*: 22 1/2"
OF COMPONENTS: 4



1 1/4" Floor Offset

R1.25OS_
R1.25OSMR_**



AVAILABLE FINISHES: **A, AK**
ASSEMBLY LENGTH*: 25 5/8"
OF COMPONENTS: 4



1 1/2" Floor Offset

R1.5OS_
R1.5OSMR_**



AVAILABLE FINISHES: **A, AK**
ASSEMBLY LENGTH*: 28-3/4"
OF COMPONENTS: 5



1 3/4" Floor Offset

R1.75OS_
R1.75OSMR_**



AVAILABLE FINISHES: **A, AK**
ASSEMBLY LENGTH*: 31 7/8"
OF COMPONENTS: 5



2" Floor Offset

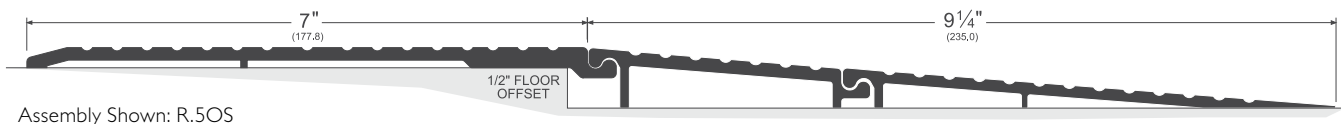
R2OS_
R2OSMR_**



AVAILABLE FINISHES: **A, AK**
ASSEMBLY LENGTH*: 35"
OF COMPONENTS: 6



NOTE: Greater offset may be accomplished by using PEMKO risers.
** = Miter Returns are not ADA Compliant



Assembly Shown: R.5OS

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) • **AK** (Mill Finish Aluminum with PemKote™ Non-Slip Coating)

Short Offset Applications (3½" Top Plate)

½" Floor Offset

R.5OSS_
R.5OSSMR_**


AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH*: 12¾"
 # OF COMPONENTS: 3



Complete assembly drawings available online.

¾" Floor Offset

R.75OSS_
R.75OSSMR_**


AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH*: 15⅞"
 # OF COMPONENTS: 3



1" Floor Offset

R1OSS_
R1OSSMR_**


AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH*: 19"
 # OF COMPONENTS: 4



1¼" Floor Offset

R1.25OSS_
R1.25OSSMR_**

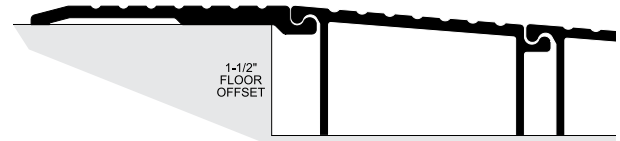

AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH*: 22⅞"
 # OF COMPONENTS: 4



1½" Floor Offset

R1.5OSS_
R1.5OSSMR_**

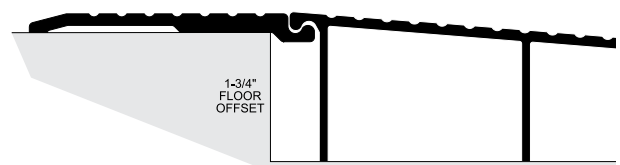

AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH*: 25¼"
 # OF COMPONENTS: 5



1¾" Floor Offset

R1.75OSS_
R1.75OSSMR_**

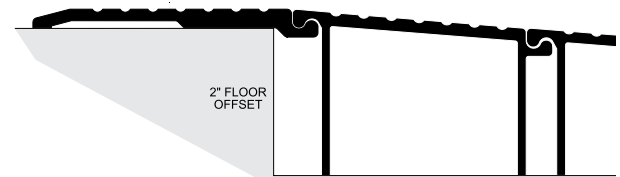

AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH*: 28⅞"
 # OF COMPONENTS: 5



2" Floor Offset

R2OSS_
R2OSSMR_**


AVAILABLE FINISHES: **A, AK**
 ASSEMBLY LENGTH*: 31½"
 # OF COMPONENTS: 6



NOTE: Greater offset may be accomplished by using PEMKO risers.
 ** = Miter Returns are not ADA Compliant



Assembly Shown: R.75OSS

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **AK** (Mill Finish Aluminum with PemKote™ Non-Slip Coating)

Modular Ramp Threshold Components

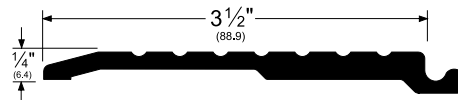
- Components are generally sold as part of assemblies
- Ramp Assemblies consist of interlocking components, eliminating the need to weld joints. Interlocking ball-joint design allows each component to flex and conform to uneven surfaces
- All assemblies carry the following labels:   
- PemKote™ is highly recommended for all threshold assemblies, especially exterior conditions where moisture may be present
- **NOTE:** The following pages are for component identification only. Do not order from these pages. Order only complete assemblies from pages MR-2 - MR-4

Top Plates

RAMP8_

Short top plate

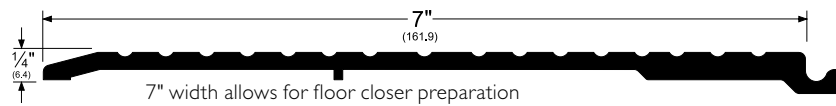
AVAILABLE FINISHES: A, AK



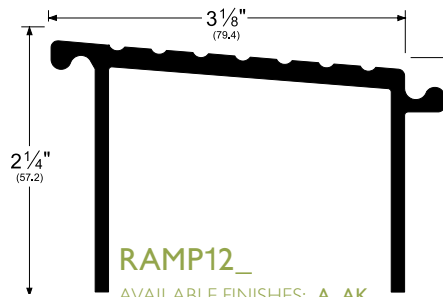
RAMP1_

Top plate

AVAILABLE FINISHES: A, AK

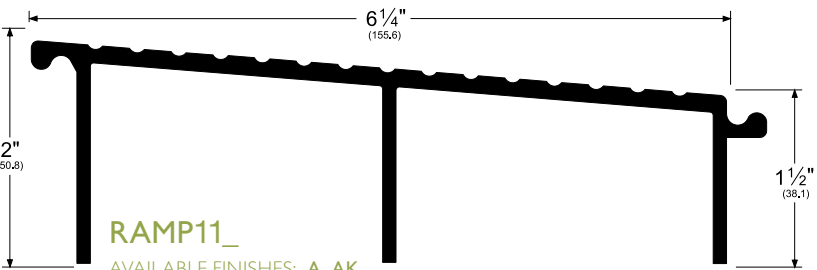


Bridges



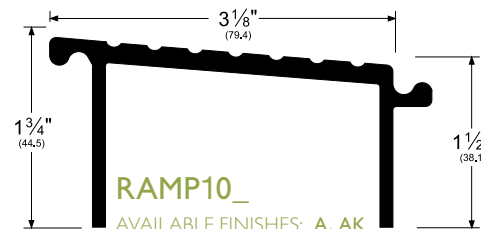
RAMP12_

AVAILABLE FINISHES: A, AK



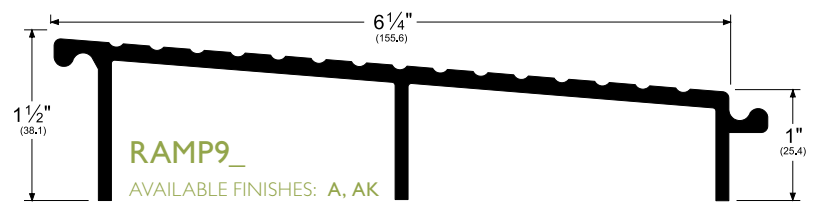
RAMP11_

AVAILABLE FINISHES: A, AK



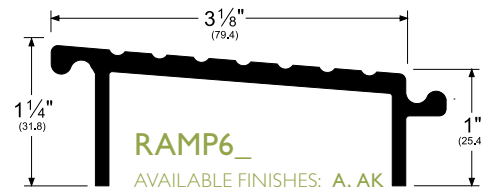
RAMP10_

AVAILABLE FINISHES: A, AK



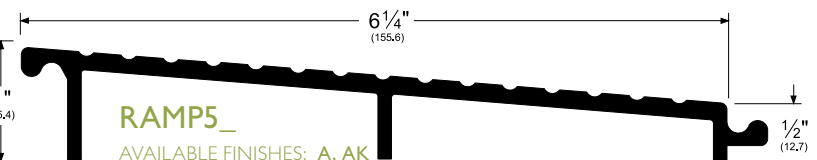
RAMP9_

AVAILABLE FINISHES: A, AK



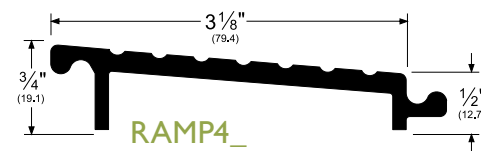
RAMP6_

AVAILABLE FINISHES: A, AK



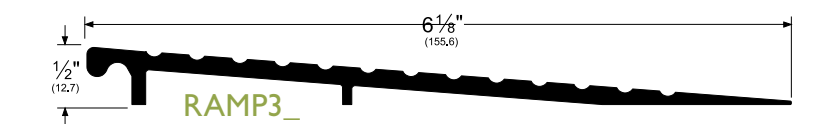
RAMP5_

AVAILABLE FINISHES: A, AK



RAMP4_

AVAILABLE FINISHES: A, AK



RAMP3_

AVAILABLE FINISHES: A, AK

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) AK (Mill Finish Aluminum with PemKote™ Non-Slip Coating)

Modular Ramp Threshold Assemblies - Variables

- Use a "Variable" component to accommodate offsets from $\frac{1}{2}$ " to $1\frac{1}{4}$ ". These meet the 1:8 maximum slope allowance (ADA) for existing buildings
- May require a variance from some state building codes, even though ADA compliant
- Ideal for use in cross traffic corridors where a minimal ramp projection may be required and a steeper slope may be allowed
- Supplied with #10 stainless steel sheet metal screws. Stainless steel machine screws and expansion shields are available at an extra cost
- Miter returns are not available due to the variable angle of this ramp. Please fill and feather the threshold ends. Do not leave threshold ends open
- This variable ramp is supplied un-drilled from PEMKO. Due to the variance in the angle, it must be drilled in the field. For proper installation, it requires the **RAMP7_** to be placed under **RAMP2_** after the assembly is in place, then must be match drilled and anchored through both components
- PemKote™ is highly recommended for all ramp threshold assemblies especially exterior conditions where moisture may be present
- All assemblies carry the following labels: **BHMA**   

RVARIOSS_

AVAILABLE FINISHES: A, AK

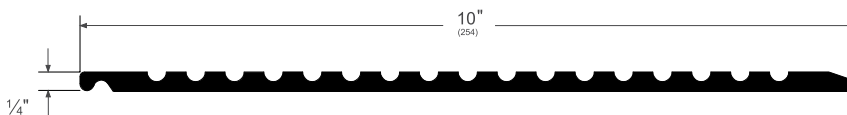


Variable Ramp Components

RAMP2_

variable

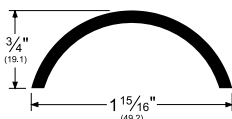
AVAILABLE FINISHES: A, AK



RAMP7_

support for variable

AVAILABLE FINISHES: A, AK

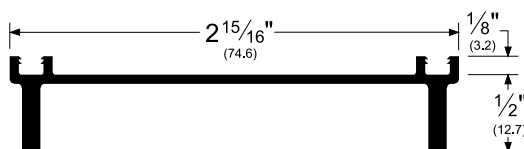


Risers for Modular Ramps

- Risers easily attach to the legs of PEMKO's Modular Ramp Systems. Each adds $\frac{1}{2}$ " in height to accommodate offsets greater than $2\frac{1}{4}$ "
- Contact PEMKO Customer Service for information on stacking risers to reach desired height

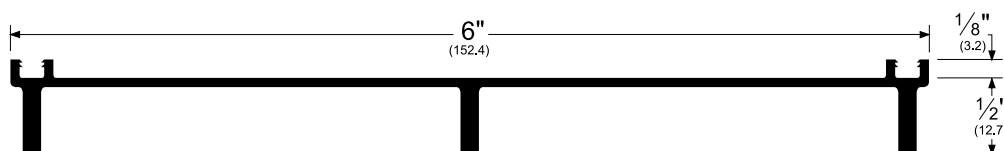
RAMP13_

AVAILABLE FINISHES: A, AK



RAMP14_

AVAILABLE FINISHES: A, AK



NOTE: Products shown in this section are not drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) AK (Mill Finish Aluminum with PemKote™ Non-Slip Coating)

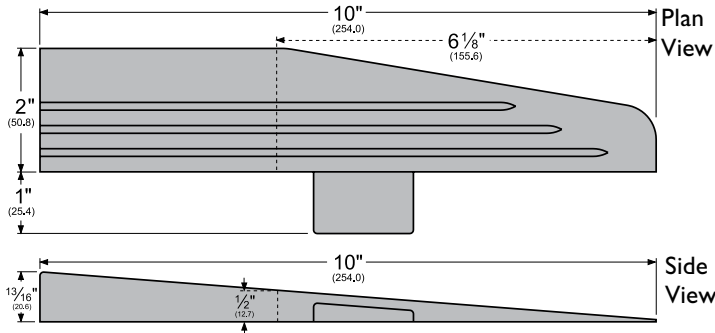
Miter Returns For Modular Ramp Thresholds

- Cast aluminum “wings” fit into end of modular ramp threshold assembly and are fastened to ramp mid sections with self-tapping machine screws
- Neat, compact, and tight-fitting design replaces former mitering methods
- Miter Returns are match-drilled with each assembly
- Miter Returns are not “ADA” compliant

WING10_H_

AVAILABLE FINISHES: **A, AK**

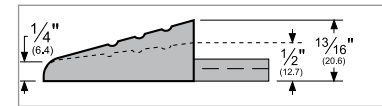
- WING10 can be trimmed to fit ramp assembly (dotted lines show cut down for use with R.5FMR_)



WING10RH_

(right-hand) shown

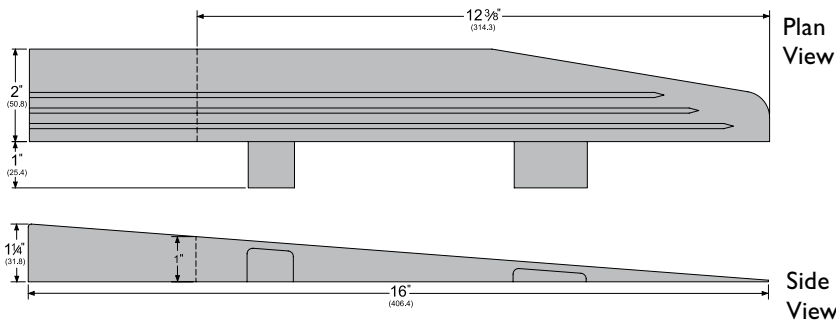
End View



WING16_H_

AVAILABLE FINISHES: **A, AK**

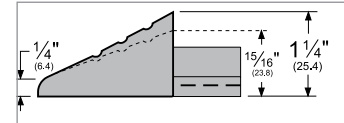
- WING16 can be trimmed to fit ramp assembly (dotted lines show cut down for use with R1FMR_)



WING16RH_

(right-hand) shown

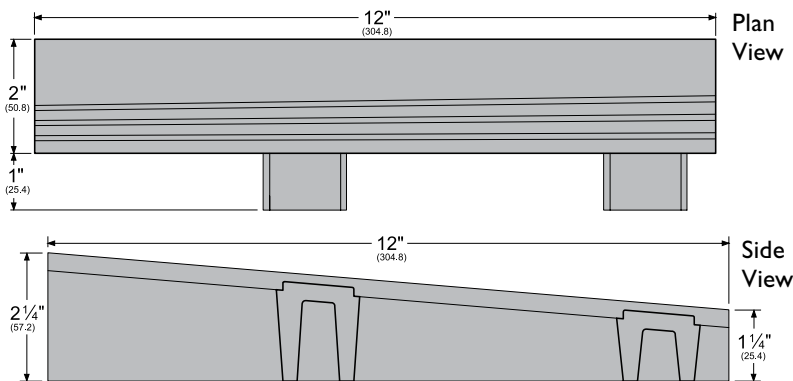
End View



WINGEXT_H_

AVAILABLE FINISHES: **A, AK**

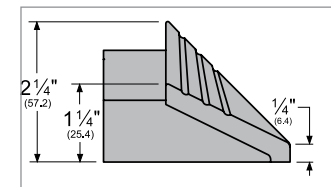
- WINGEXT are included with assemblies to completely fill ends for 2" offset or 2 1/4" flush conditions
WINGEXT works in conjunction with WING16 for these higher offset conditions



WINGEXTRH_

(right-hand) shown

End View



See flyer on the Literature page of www.pemko.com for WING cut-down chart.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

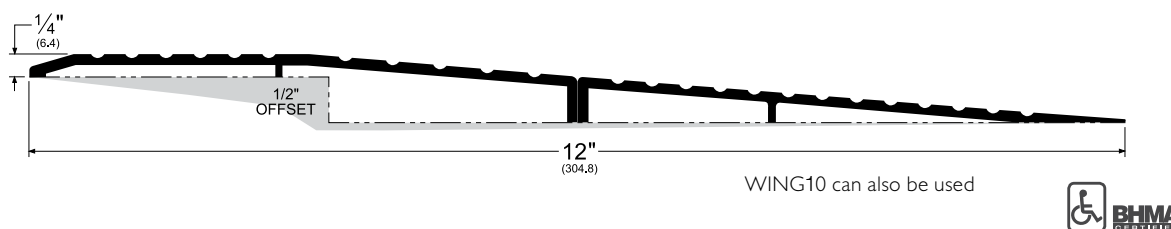
A (Mill Finish Aluminum) **AK** (Mill Finish Aluminum with PemKote™ Non-Slip Coating)

Barrier-Free Ramp Thresholds

- The modular ramp thresholds are an improvement over the **257/259** however, **257/259** will remain available for special requirements
- Use **257_** and **259_** together, or use **257_** with an abutted 1:12 concrete slope
- When used as a cover plate assembly (see Commercial Thresholds section), a longer spindle may be required
- Ramps on this page are not ADA compliant when used at a door opening
- The **257_** is not ADA compliant when used alone.
- PemKote™ is highly recommended for all threshold assemblies, especially exterior conditions where moisture may be present

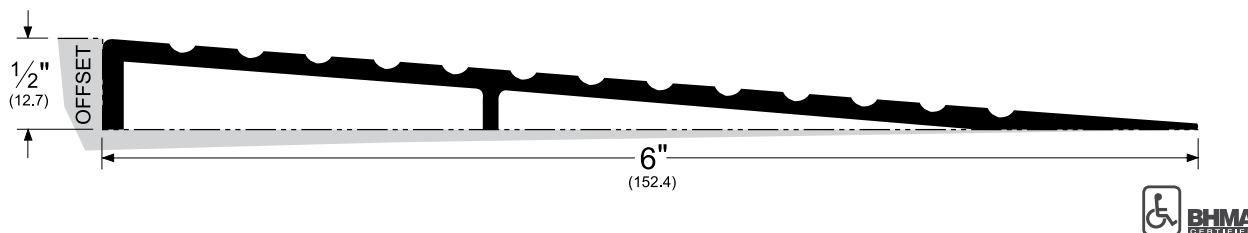
257 x 259_

AVAILABLE FINISHES: A, B, D, G



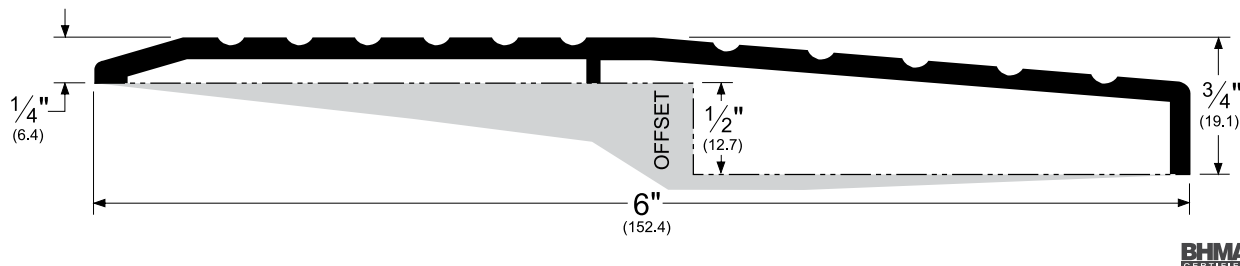
259_

AVAILABLE FINISHES: A, B, D, G



257_

AVAILABLE FINISHES: A, B, D, G



NOTE: Products shown in this section are not drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

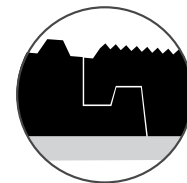
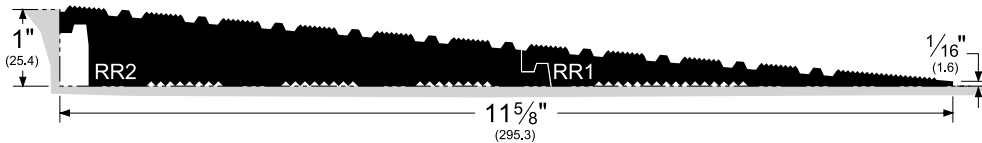
A (Mill Finish Aluminum) AK (Mill Finish Aluminum with PemKote™ Non-Slip Coating) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized)

Fire Retardant and Styrene Butadiene Rubber Ramp Thresholds

- Rubber ramps meet the requirements of **ADAAG-2010**; **IBC/ANSI A117.1**; and **California Title 24, Part 2**
- Styrene butadiene rubber ramps are weather, ozone, abrasion, and impact resistant; long-lasting and fire retardant
- Rubber ramps are sold in one foot increments up to 15-foot lengths
- Rubber ramps can be butted together for longer lengths
- Rubber ramps are cut square on each end but are available with molded rubber miter returns. To receive a pair of miter returns, add **"MR"** to the part number (example: **SBR.5FMR**)
- Rubber ramps have a superior grip, anti-slip surface and a **"no bump"** tapered lead edge. Rubber ramps are classified by Underwriters Laboratories, Inc.,® as a skid-resistant floor surface per **UL standard for safety, UL410**. Rubber ramps also meet the requirements of **ASTM D 2047** and **Federal Specification P-F-430C**
- Rubber ramps are easy to install on most surfaces by using a construction adhesive. Mechanical fasteners are not required and not recommended
- Rubber ramps are also portable. For temporary applications, an assembly stays in place by its sheer weight and can be removed from one opening and placed at another opening
- Use **RR200** to glue rubber ramps to floor surfaces
- Rubber ramps are available for **1/2"** and **1"** offset heights
- Rubber ramps can be cross-cut to length or ripped to a custom offset height using a table or radial arm saw with a carbide-tipped blade. These modifications must be made in the field

SBR1F

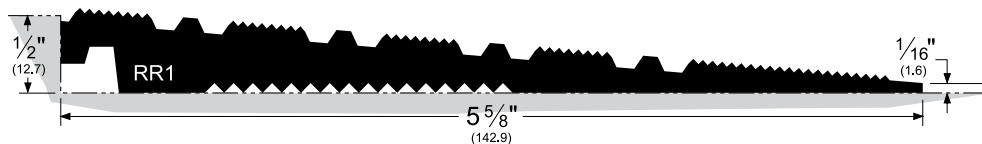
SBR1FMR **



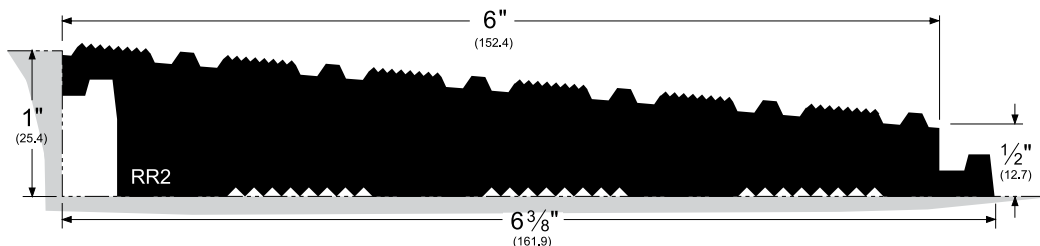
Assembly consists of two inter-locking components.

SBR.5F

SBR.5FMR ** RR1



RR2



This component (**RR2**) is not ADA compliant when used by itself.

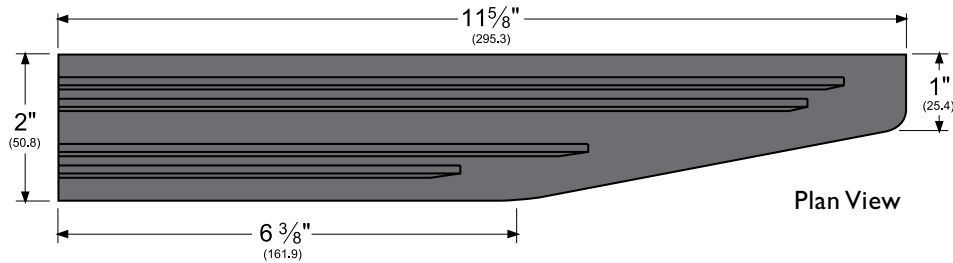
NOTE: Products shown in this section are not drawn to scale.

** = Miter Returns are not ADA compliant

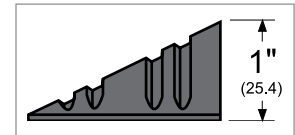
Rubber Ramp Miter Returns

- Made from molded styrene butadiene rubber
- Glue miter returns to each end using an adhesive such as **RR200**
- Miter Returns are supplied in pairs: one left-hand (**RR12LH**) and one right-hand (**RR12RH**)
- If only one miter return is required, specify the handing

RR12_H



End View



Shown as viewed from the low end.



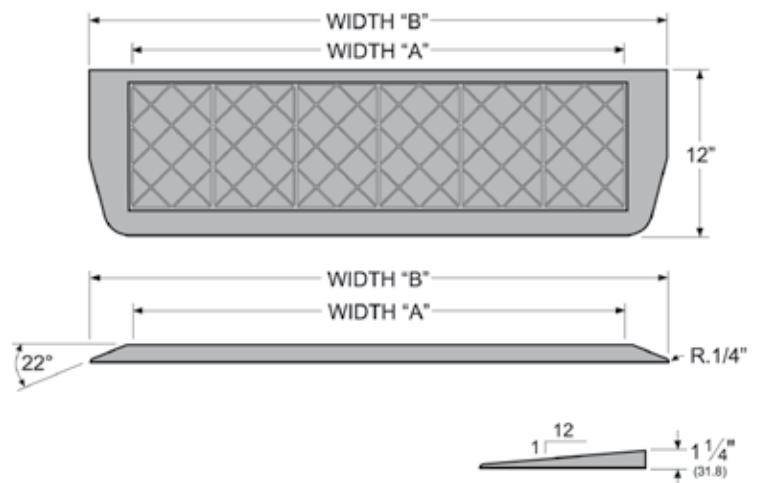
Recycled Rubber Ramp Assembly

- ADA Compliant, based on application
- Meets: UL410, ASTM D2047, Federal Specification P-F-430C
- Recycled Rubber Ramp Assemblies meet **IBC/ANSI A117.1-2010**
- Made from #20 mesh minus crumb rubber (with urethane binders) reclaimed from 100% recycled rubber automotive tires
- PEMKO strongly recommends using **RR200** to glue rubber ramps to floor surfaces. Avoid Liquid Nails with Rubber Ramps
- Using ordinary tools, trim to fit your application
- Can be ripped for offsets less than 1 1/4"
- Plane bottom surface of ramp to accommodate irregular surface conditions
- Miter returns are molded into the design of the Recycled Rubber Ramp
- 36" and 60" ramps are supplied as one (1) piece assemblies
- 48" and 72" ramps are supplied as two (2) piece assemblies

Ordering Chart

Other sizes are available, please contact PEMKO customer service.

PART #	WIDTH "A" (door opening)	WIDTH "B" (total width)
RR1.25FMR36	36"	41"
RR1.25FMR48	48"	53"
RR1.25FMR60	60"	65"
RR1.25FMR72	72"	77"
RR1.25FMR96	96"	101"





DOOR BOTTOMS

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Specialty Door Bottoms	DB-8
Vinyl Door Shoes.....	DB-8
Door Shoes.....	DB-9-DB-11
Door Bottom Sweeps.....	DB-12, DB-13
Stainless Steel Door Bottom Sweeps.....	DB-13
Door Top Weatherstrip.....	DB-14

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196.....	DB-7	346.....	DB-14	18100.....	DB-13
209.....	DB-9	347.....	DB-14	18137.....	DB-13
210.....	DB-9	368.....	DB-12	293100.....	DB-13
211.....	DB-9	377.....	DB-14	90062.....	DB-13
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234.....	DB-9	2113.....	DB-11	K412PG.....	DB-3
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307.....	DB-12	2173.....	DB-11	K430MPA.....	DB-3
308.....	DB-12	2211.....	DB-10	K430MPD.....	DB-3
309.....	DB-12	2221.....	DB-10	K430PA.....	DB-3
313.....	DB-8	2230.....	DB-11	K430PD.....	DB-3
314.....	DB-8	2343.....	DB-11	SA1.....	DB-7
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321.....	DB-12				

Automatic Door Bottoms

- All PEMKO Automatic Door Bottoms, 24" and up, can be manufactured for field alteration. Please specify when ordering: Allow 2" for field trimming
- Overall sizes range from 18" to 72"
- 0.0625" Lead-lining available upon request; contact PEMKO Customer Service for options on profiles

Drop-Bar Seal Actuation

The drop bar mechanism prevents the seal from skidding along the floor/threshold while the door is being closed.



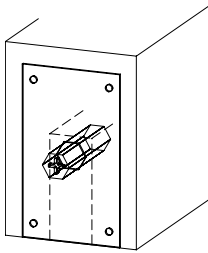
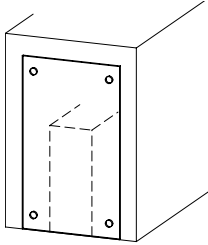
Important Drop Bar Information

Drop seals of all types are designed to close a uniform size gap. PEMKO drop seals can seal up to $\frac{3}{4}$ " gaps, provided the gap is consistent. Gaps that start at less than $\frac{3}{4}$ " and then grow cannot be closed. The drop seal utilizes a straight aluminum extrusion so it cannot close an inconsistent gap.

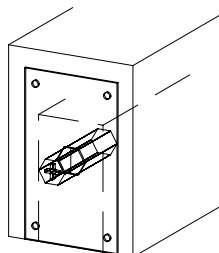
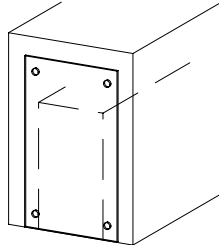
End Plates for Automatic Door Bottoms

- Metal end plates are provided to protect the mechanism and to give a clean, aesthetic appearance. Do not tighten with power tool
- Plunger end plate prevents the plunger adjustment from rotating
- Necessary fasteners are provided with End Plate kits

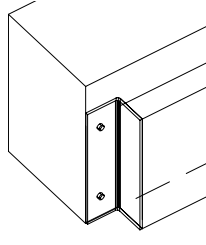
411 End Plates
Mortise



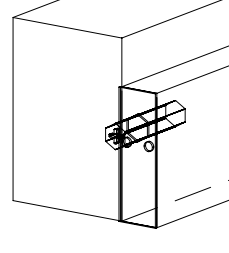
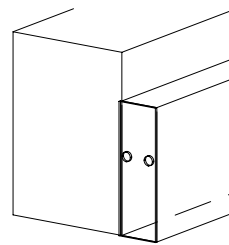
434 End Plates
Mortise



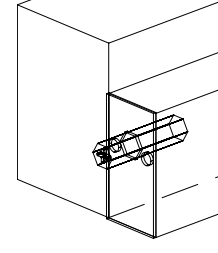
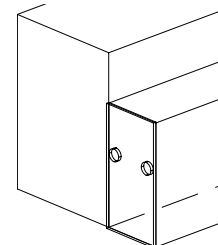
412 End Plates
Surface Mount



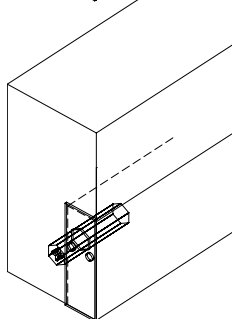
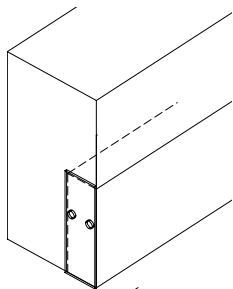
510 End Plates
Surface Mount



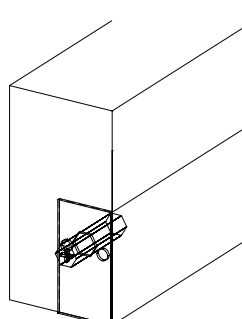
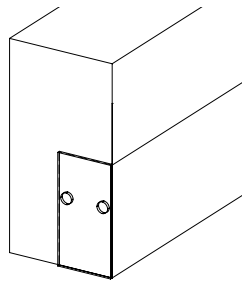
530 End Plates
Surface Mount



4131 Auto Door Bottom
Semi-Mortise*



4301-430 Auto Door Bottom
Semi-Mortise*



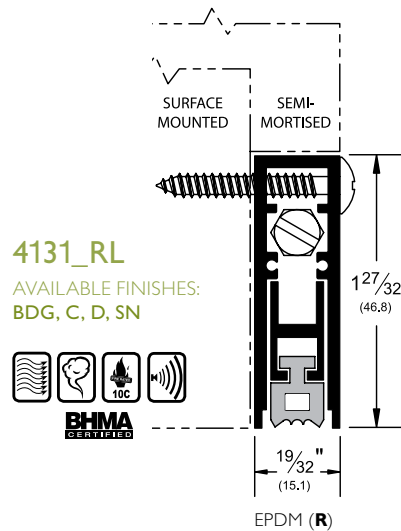
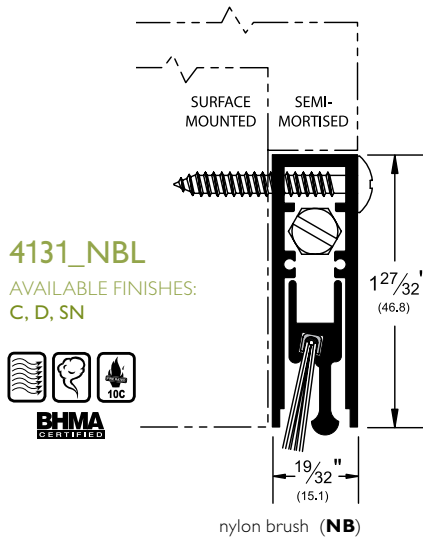
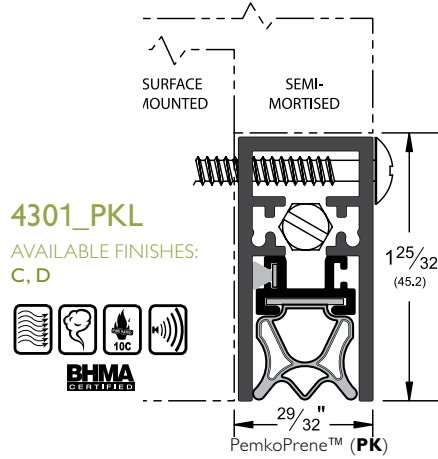
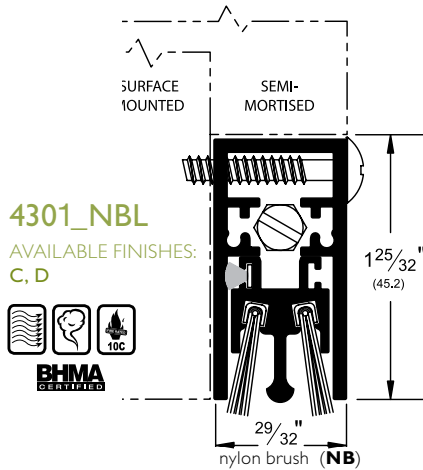
Automatic Door Bottom Kits

K411	Kit for 411 Door Bottom
K412PA	Kit for 411 Door Bottom - Aluminum
K412PD	Kit for 411 Door Bottom - Dark Bronze
K412PG	Kit for 411 Door Bottom - Gold
K420	Kit for 420 Door Bottom
K430MPA	Kit for 430 Door Bottom - Aluminum (<i>Mortised App.</i>)
K430MPD	Kit for 430 Door Bottom - Dark Bronze (<i>Mortised App.</i>)
K430PA	Kit for 430 Door Bottom - Aluminum (<i>Surface App.</i>)
K430PD	Kit for 430 Door Bottom - Dark Bronze (<i>Surface App.</i>)

*43, 430, and 430 models can also be applied as surface mount

Automatic Door Bottoms - Surface and Semi-Mortise Models

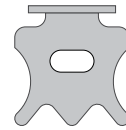
- Specify if the Automatic Door Bottom is for a semi-mortise application so that shorter screws can be provided



Alternate Insert For 4301

4301_R

AVAILABLE FINISHES:
C, D

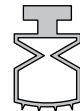


EPDM (R)

Alternate Inserts For 4131

4131_PKL

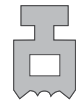
AVAILABLE FINISHES:
BDG, C, D, SN



PemkoPrene™ (PK)

4131_SL

AVAILABLE FINISHES:
BDG, C, D, SN



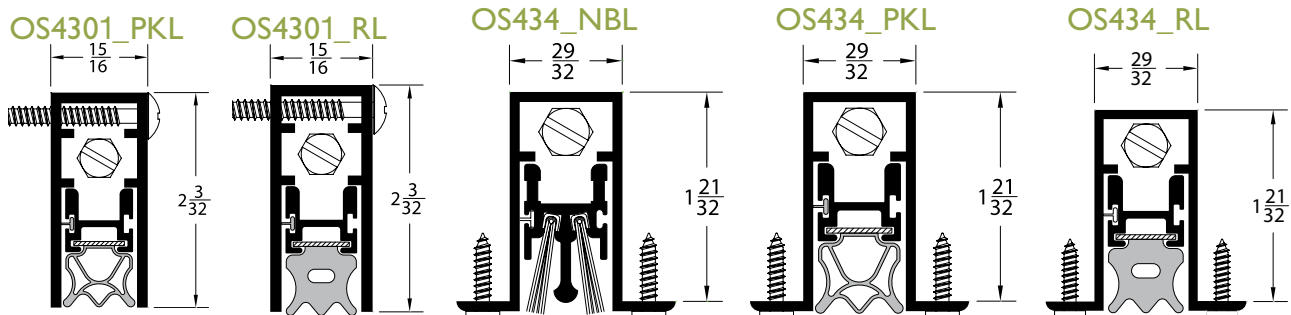
sponge silicone (S)

All above products



Over-Sized Automatic Door Bottoms

- For Automatic Door Bottoms (ADB) in these profiles ordered over 48-inches
- Only available with our 4301 and 434 ADB profiles



NOTE: Products shown in this section may not be drawn to scale.

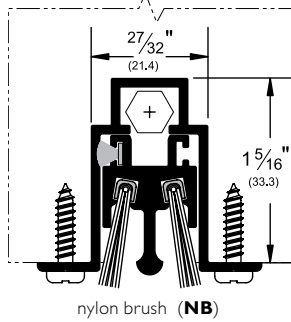
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)

Automatic Door Bottoms - Full-Mortise Models

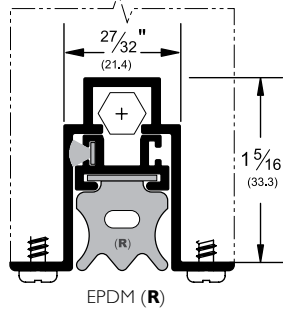
434_NBL

AVAILABLE FINISH: A



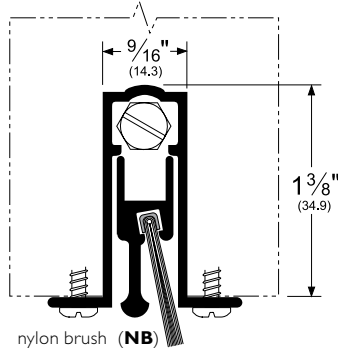
434_RL

AVAILABLE FINISH: A



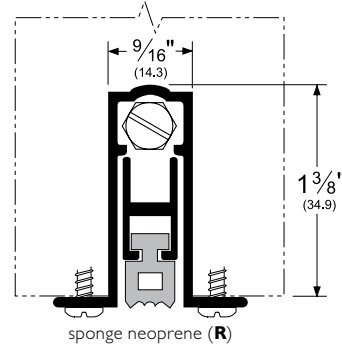
411_NBL

AVAILABLE FINISH: A



411_RL

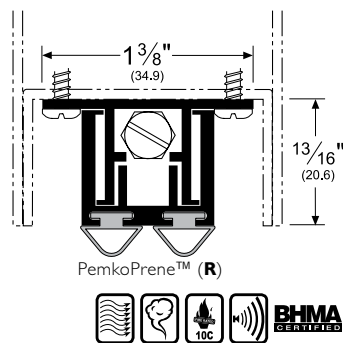
AVAILABLE FINISH: A



420_PKL

AVAILABLE FINISH: A

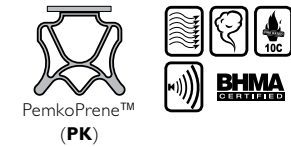
For hollow metal doors.
Maximum drop is 1/2"



Alternate Inserts For 434

434_PKL

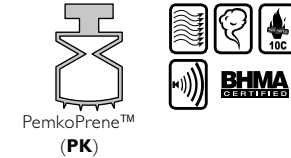
AVAILABLE FINISH: A



Alternate Inserts For 411

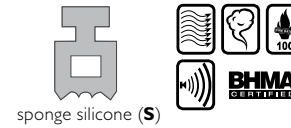
411_PKL

AVAILABLE FINISH: A



411_SL

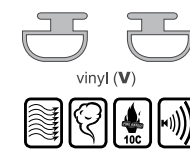
AVAILABLE FINISHES: A



Alternate Inserts For 420

420_VL

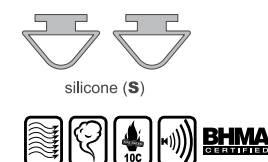
AVAILABLE FINISH: A



Vinyl products
are not BHMA certified

420_SL

AVAILABLE FINISH: A



NOTE: Products shown in this section may not be drawn to scale.

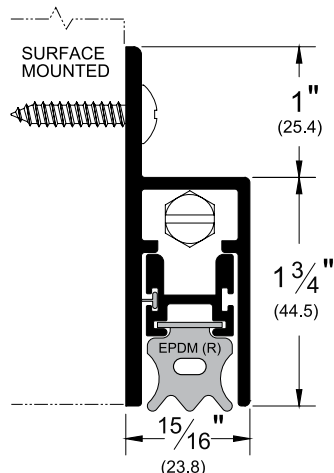
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum)

Automatic Door Bottoms - Handed Surface and Semi-Mortise Models

- These models have all the same features as the 4301 and the 4131 except that these are handed and disassembly of the mechanism is required to reverse the hand
- For easy non-handed installation, PEMKO recommends using the 4301 rather than the 430, and the 4131 rather than the 412. The 4301 and 4131 are shown on page DB-4

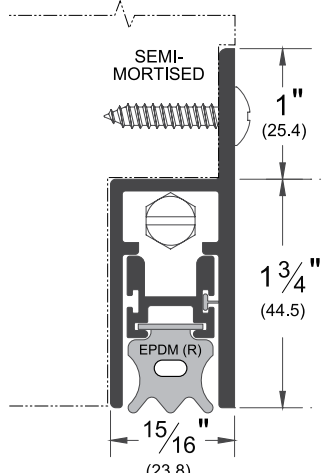
430_RL

AVAILABLE FINISHES:
C, D



430_MRL

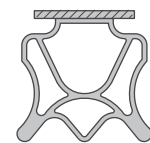
AVAILABLE FINISHES:
C, D



Alternate Inserts For 430

430_PKL

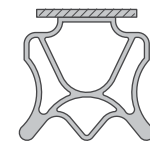
AVAILABLE FINISHES:
C, D



PemkoPrene™ (PK)

430_MPKL

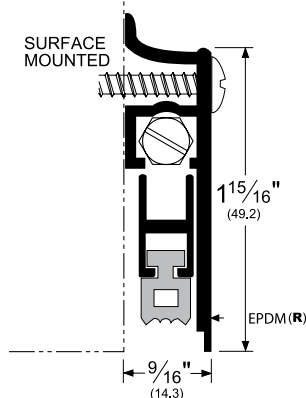
AVAILABLE FINISHES:
C, D



PemkoPrene™ (PK)

412_RL

AVAILABLE FINISHES:
B, C, D, G, S



Alternate Inserts For 412

412_SL

AVAILABLE FINISHES:
B, C, D, G, S



sponge silicone (S)

412_PKL

AVAILABLE FINISHES:
B, C, D, G, S



PemkoPrene™ (PK)

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

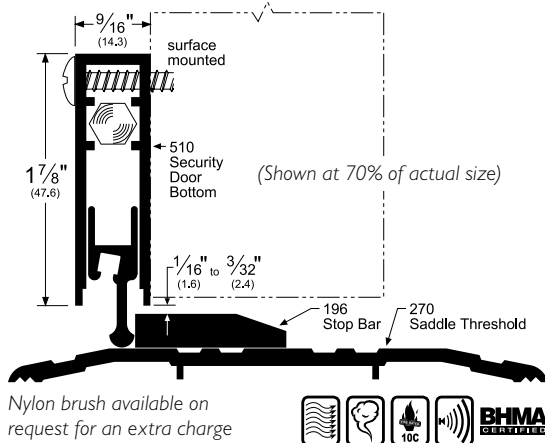
B (Mill Finish Extruded Bronze[Brass]) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) S (Cladded Stainless Steel)

Security Door Bottoms

- Help prevent break-ins with PEMKO's security door bottoms
- Great for office buildings, dormitories, hotel/motels, multi-family housing, and other applications where break-ins from interior lever-handles are a problem
- Mounting screws and a cam are included with both security door bottom models (510 and 530)
- The 530 includes end plates that provide a clean, finished look and prevents debris from entering operating mechanisms
- Order stop bar (196) and thresholds (270, 2364, etc.) separately

510_

AVAILABLE FINISHES: **C, D**
AVAILABLE LENGTHS: 36", 42", 48"

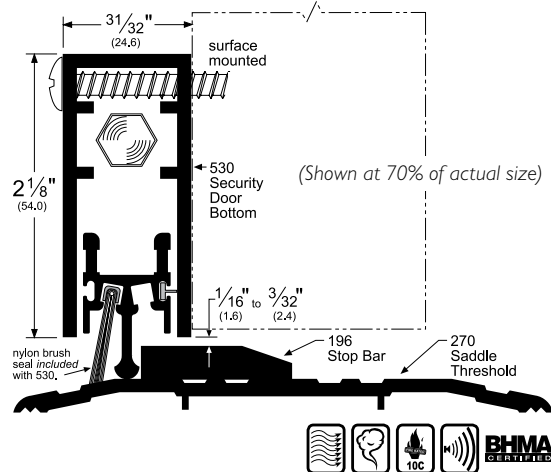


196_ and 270_

AVAILABLE FINISHES:
A, B, D, G

530_

AVAILABLE FINISHES: **C, D**
AVAILABLE LENGTHS: 36", 42", 48"



196_ and 270_

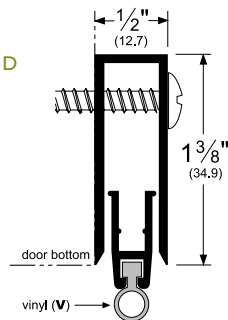
AVAILABLE FINISHES:
A, B, D, G

Residential Automatic Door Bottoms

SA1_, SA2_, SA3_, SA4_

AVAILABLE FINISHES: **A** (no finish selection), **D**
AVAILABLE LENGTHS: 28", 32", 36", 42"

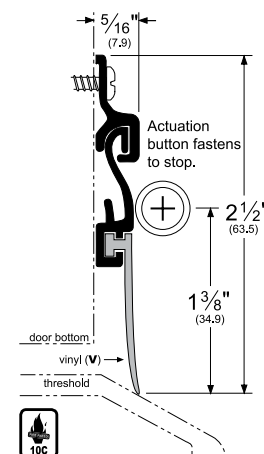
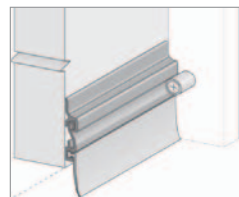
- Surface type for wood doors
- 1/2" maximum drop
- Can be trimmed down by as much as 2"
- Non-handed
- End plates are not provided



405_V

AVAILABLE FINISHES:
C, D, G, PW

- Spring loaded door bottom sweep
- Available in 36" length only
- May be cut down to 24" minimum length



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

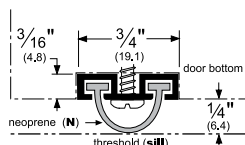
A (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (Painted White)

Specialty Door Bottoms

- May be used in many different applications. Some of these shapes may be used as meeting stile gasketing; see pages AM-3 and AM-4 for examples

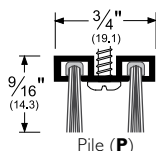
313_N

AVAILABLE FINISHES:
A, D, G



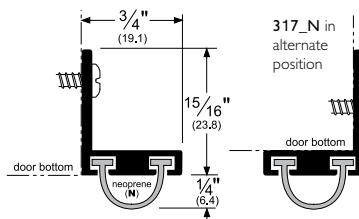
313_P

AVAILABLE FINISH:
A



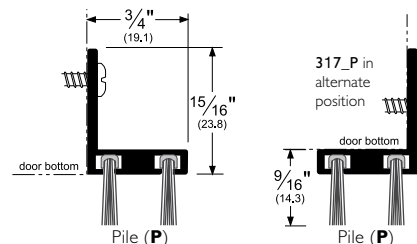
317_N

AVAILABLE FINISHES:
A, D, G



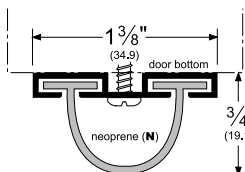
317_P

AVAILABLE FINISH:
A



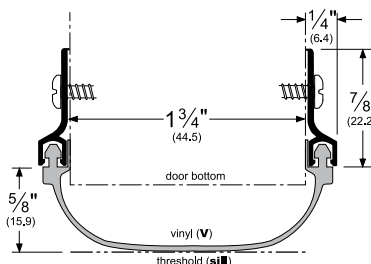
314_N

AVAILABLE FINISHES:
C, D, G



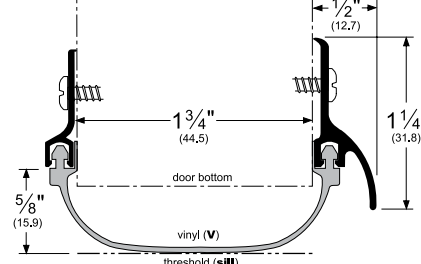
318_V

AVAILABLE FINISHES:
A, BDG, D, G, PW



3185_V

AVAILABLE FINISHES:
A, D

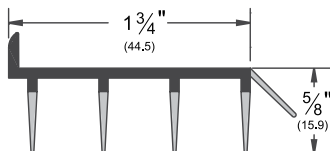


Vinyl Door Shoes

- Dual durometer vinyl door shoe
- V80_ is furnished net 36"

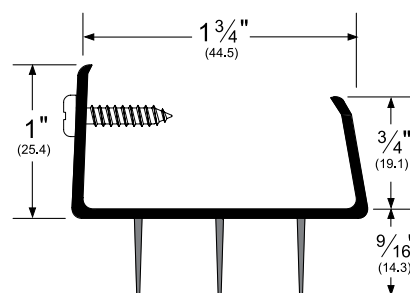
V80_

AVAILABLE FINISHES: **D**
AVAILABLE LENGTHS: 36" NET



2170_V

AVAILABLE COLORS: **D, W**
AVAILABLE LENGTHS: 36", 48"



Also available with
unnotched insert:
2170_V36UN
2170_V48UN

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (Painted White)

VINYL DOORS SHOES: **D** (Dark Brown) **W** (White)

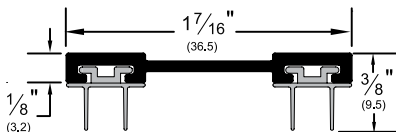
Door Shoes

- Available with PemkoPrene™ (PK) or Vinyl (V), except 3962_; both seals are the same in shape and size
- Slotted holes for easy adjustment
- Rain drip model is ideal for deflecting rain away from the bottom of door
- Door shoes are provided with stainless steel fasteners

3692_PK772

AVAILABLE FINISHES: **A**
AVAILABLE LENGTHS: 36", 48"

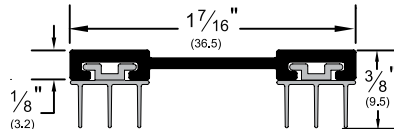
NEW!



3692_PK773

AVAILABLE FINISHES: **A**
AVAILABLE LENGTHS: 36", 48"

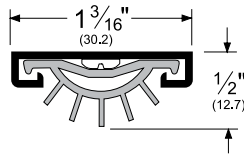
NEW!



234_V

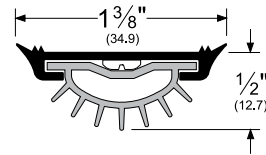
234_PK

AVAILABLE FINISHES:
A, D, G



209_V

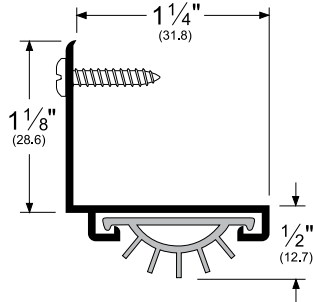
AVAILABLE FINISHES:
A, D, G



211_V

211_PK

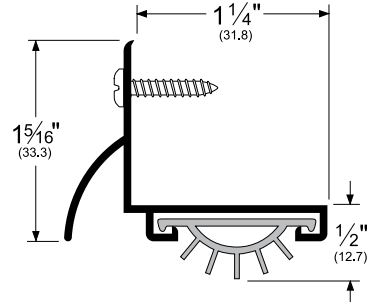
AVAILABLE FINISHES:
A, D, G



210_V

210_PK

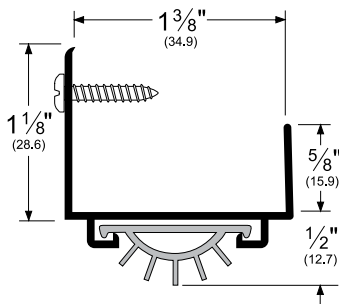
AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



220_V

220_PK

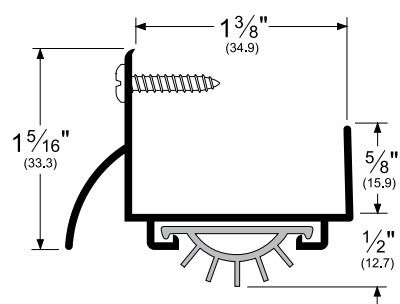
AVAILABLE FINISHES:
A, D, G



215_V

215_PK

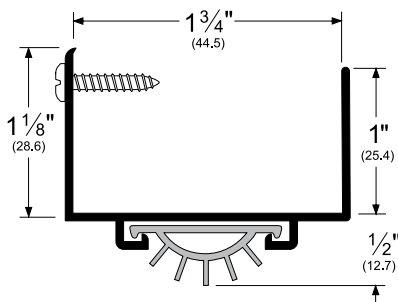
AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



217_V

217_PK

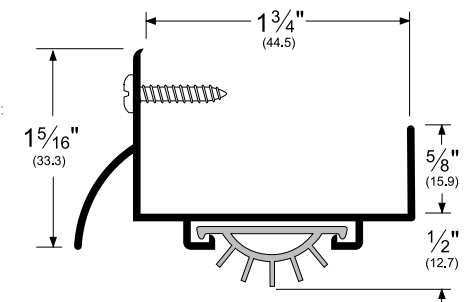
AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



216_V

216_PK

AVAILABLE FINISHES:
A, B, BDG, D, G, PW, SN



NOTE: Products shown in this section may not be drawn to scale.

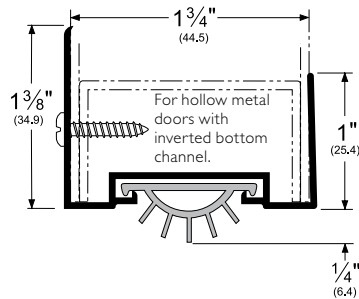
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze) **BDG** (Bright Dip Gold Anodized) **D** (Dark Bronze Anodized)
G (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized)

Door Shoes (Cont.)

222_V

222_PK

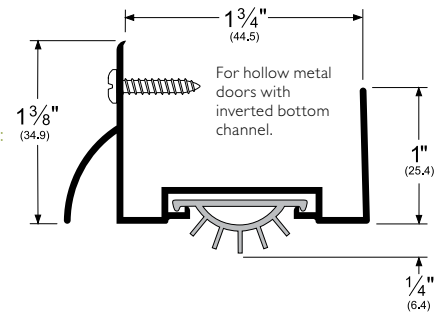
AVAILABLE FINISHES:
A, D, G



2221_V

2221_PK

AVAILABLE FINISHES:
A, D, G

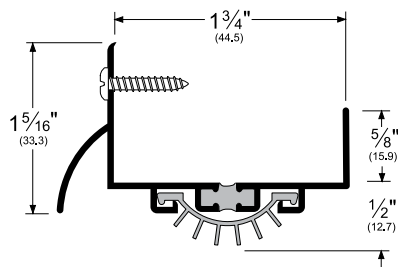


216_FG

AVAILABLE FINISHES:
BDC, BDG, D, PW, SN

Thermal Barrier Model

Polypropylene thermal break (**FG**) prevents conductivity of cold from exterior to interior. Supplied with PemkoPrene™ Seal

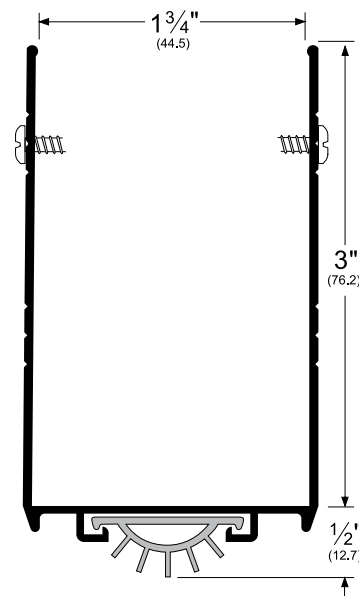


221_V

221_PK

AVAILABLE FINISHES:
A, D, G

Combination door shoe and kick plate

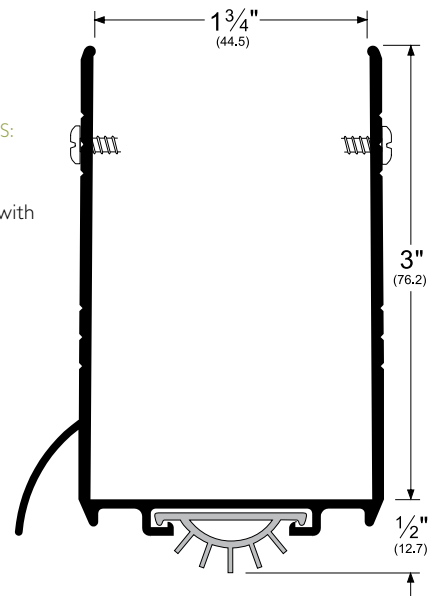


2211_V

2211_PK

AVAILABLE FINISHES:
A, D, G

Combination door shoe and kick plate with raindrip



NOTE: Products shown in this section may not be drawn to scale.

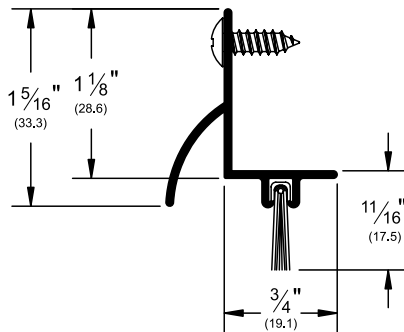
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) **BDC** (Bright Dip Clear Anodized) **BDG** (Bright Dip Gold Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized)

Door Shoes (Cont.)

2230_NB

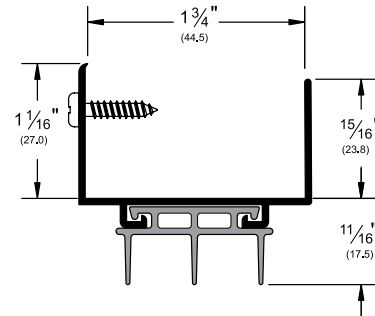
AVAILABLE FINISHES:
A, D, G



2173_V

AVAILABLE FINISHES:
A, BDG, D, G, PW
AVAILABLE LENGTHS:
36", 48"

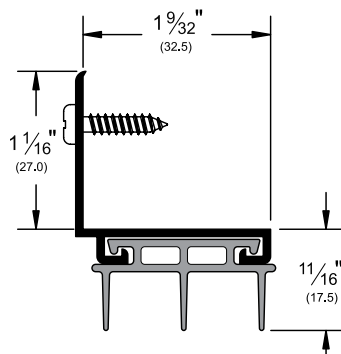
Also available with
unnotched insert:
2173_V36UN
2173_V48UN



2113_V

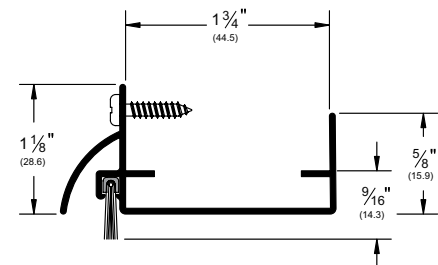
AVAILABLE FINISHES:
A, D, G
AVAILABLE LENGTHS:
36", 48"

Also available with
unnotched insert:
2113_V36UN
2113_V48UN



223_NB

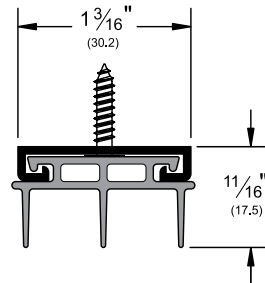
AVAILABLE FINISHES:
A, D, G



2343_V

AVAILABLE FINISHES: **A, D, G**
AVAILABLE LENGTHS: 36", 48"

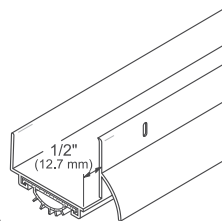
Also available with
unnotched insert:
2343_V36UN
2343_V48UN



Fabrication Options for Door Shoes

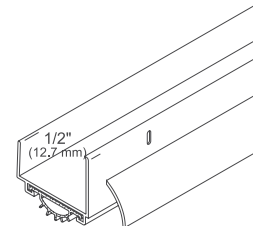
1/2" Full Notch

- Fabrication includes:** removal of rain drip and front flange of door shoe to prevent interference with door stop and weatherstrip
- Ordering:** order width of door leaf, and designate by adding "M" following the product number
(Example: a 216AV with a 1/2" full notch fabrication, for a 36" door leaf = 216AVM36)



1/2" Half Notch

- Fabrication includes:** removal of rain drip to prevent interference with door stop and weatherstrip
- Ordering:** order width of door leaf and designate by adding "N" following the product number
- Special:** Other half notches available are 3/16", 5/16", and 3/4" widths, please specify when ordering
(Example: a 216AV with a 1/2" half notch fabrication, for a 36" door leaf = 216AVN36)



NOTE: Products shown in this section may not be drawn to scale.

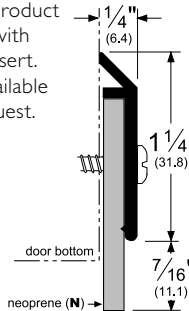
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (Painted White)

Door Bottom Sweeps

315_N

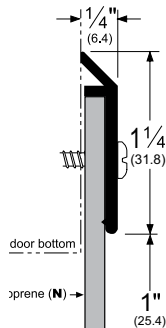
AVAILABLE FINISHES:
B, C, D, G, PW, SN

Finished product
supplied with
BLACK insert.
GRAY available
upon request.



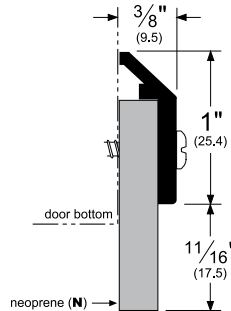
3151_N

AVAILABLE FINISHES:
C, D, G



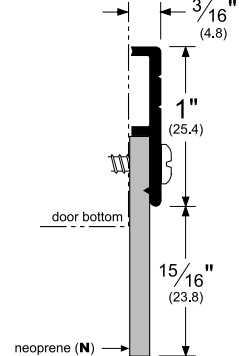
368_N

AVAILABLE FINISHES:
C, D, G



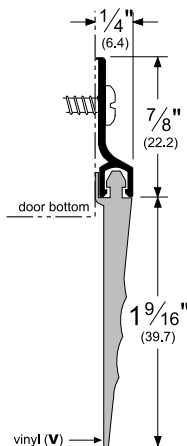
321_N

AVAILABLE FINISHES:
C, D, G



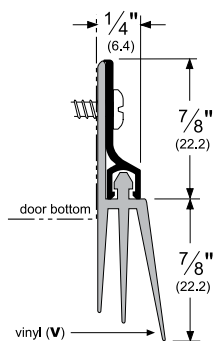
56_V

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



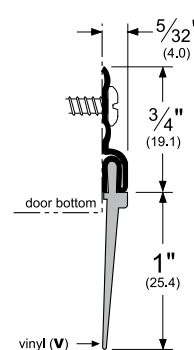
57_V

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



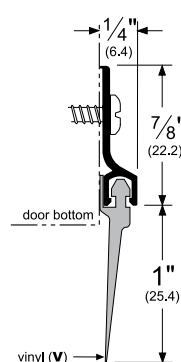
99_V

AVAILABLE FINISHES:
PA, PD, PG, PW



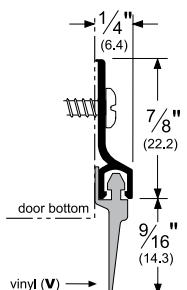
307_V

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



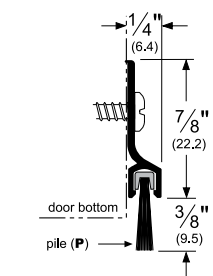
308_V

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



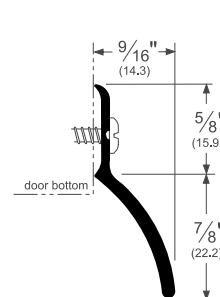
309_P

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



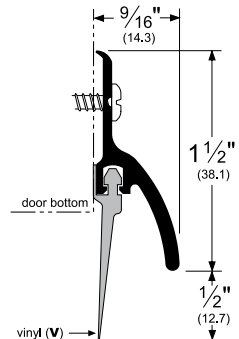
345_

AVAILABLE FINISHES:
A, B, BDG, C, D, G, PW



345_V

AVAILABLE FINISHES:
A, BDG, C, D, G, PW



NOTE: Products shown in this section may not be drawn to scale.

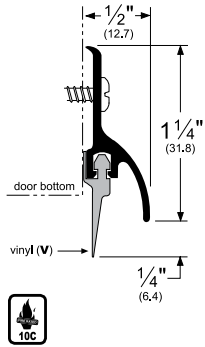
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Clear Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)
PD (Painted Dark Bronze) PG (Painted Gold) PW (Painted White) SN (Satin Nickel Anodized)

Door Bottom Sweeps (Cont.)

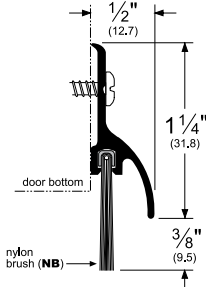
3452_V

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



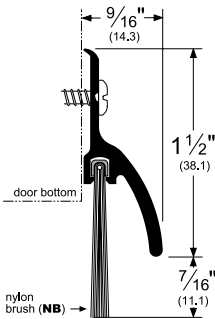
3452_NB

AVAILABLE FINISHES:
BDG, C, D, G, PW, SN



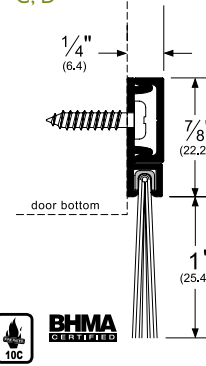
345_NB

AVAILABLE FINISHES:
A, BDG, D, G, PW



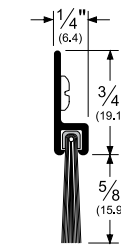
293100_NB

AVAILABLE FINISHES:
C, D



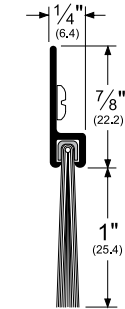
18061_NB

AVAILABLE FINISHES:
C, D, G, SN



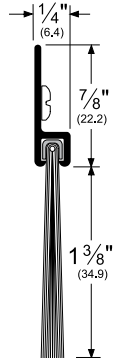
18100_NB

AVAILABLE FINISHES:
C, D, G, PW



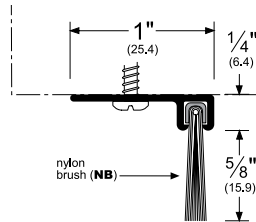
18137_NB

AVAILABLE FINISHES:
C, D, G, PW



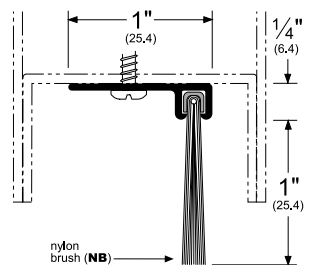
90062_NB

AVAILABLE FINISHES:
C, D



90100_NB

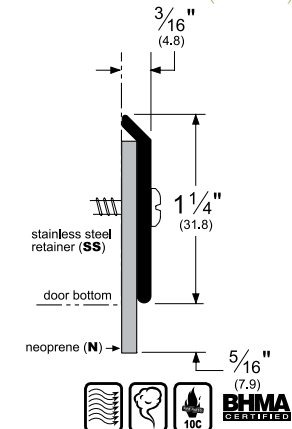
AVAILABLE FINISHES:
C, D, G
• For hollow metal doors with inverted channel



Stainless Steel Door Bottom Sweeps

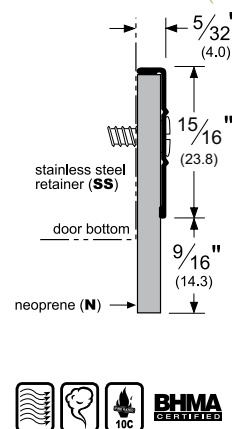
315SSN

AVAILABLE FINISH: SS (#4 Finish)



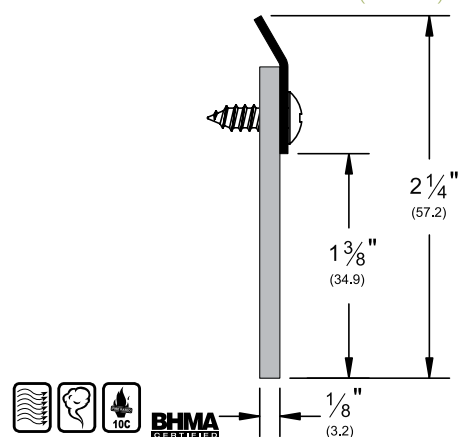
321SSN

AVAILABLE FINISH: SS (#4 Finish)



3151SSN

AVAILABLE FINISH: SS (#4 Finish)



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

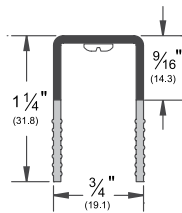
A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White)
SN (Satin Nickel Anodized) SS (See Individual Part)

Dual Durometer Specialty Door Shoes

- Dual durometer extruded door sweep
- Top portion is rigid polypropylene; bottom sweep is flexible Santoprene™
- Designed for hollow metal doors with inverted channel
- Black case to prevent light refraction under door
- Furnished undrilled; fasteners provided at additional cost

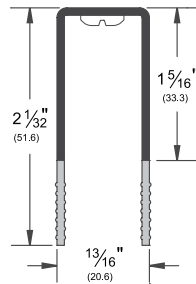
EPD1

AVAILABLE FINISHES: **BL**
 AVAILABLE LENGTHS: **36", 48"**



EPD2

AVAILABLE FINISHES: **BL**
 AVAILABLE LENGTHS: **36", 48"**

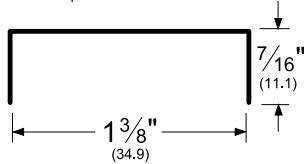


Door Top Weatherstrip

_343

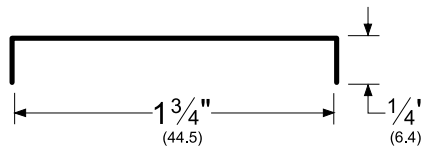
AVAILABLE FINISHES: **PA**
 AVAILABLE LENGTHS: **36", 48"**

For top of 1 3/8" wood doors



_344

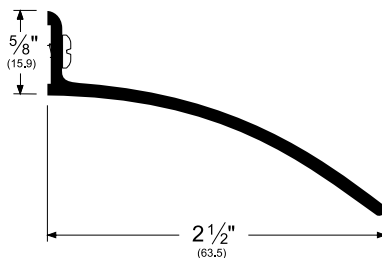
AVAILABLE FINISHES: **PA**
 AVAILABLE LENGTHS: **36", 48"**



346_

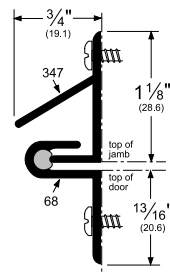
AVAILABLE FINISHES: **C, D, G, PW**

- Overhead rain drip with slotted holes
- Should be ordered a minimum of 4" longer than the door width



347_

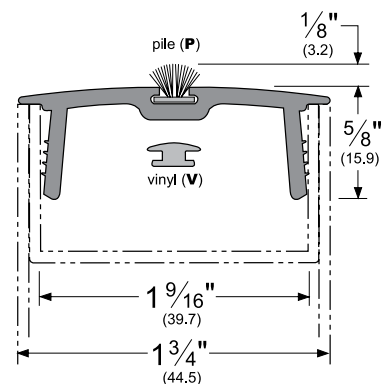
68_R
 AVAILABLE FINISHES: **A, D, G**



377P_

377V_

Rigid tan colored vinyl with vinyl (V) insert or pile (P) insert used as a door top (or bottom) filler strip for hollow metal doors



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PA** (Painted Aluminum) **PW** (Painted White)

Non-Metal Finish: **BL** (Black)

ASTRAGALS & MEETING STILES

CONTENTS:

Astragal and Meeting Stile Gasketing - Split Astragals.....	AM-2-AM-3
Split Astragals with Snap Covers - Concealed Fasteners.....	AM-3
Meeting Stile Gasketing.....	AM-4
Adhesive Astragal/Meeting Stile Seals.....	AM-5
Adjustable Astragals.....	AM-5
"T" and Overlapping Astragals.....	AM-6
Adhesive-Backed Mullion Gasketing.....	AM-7
Offset Security Bar.....	AM-7
Security Astragal.....	AM-7
Locking Astragals.....	AM-10
Locking Wood Astragals.....	AM-10
Outswing Locking Astragals.....	AM-11 - AM-12

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303.....	AM-2	372.....	AM-4	3572PP7.....	AM-7
305.....	AM-2	375.....	AM-6	5110.....	AM-7
310.....	AM-3	378.....	AM-7	18041.....	AM-2
311CIN.....	AM-3	3443.....	AM-11	18061.....	AM-2
313.....	AM-4	3444.....	AM-11	29310.....	AM-3
314.....	AM-4	3445.....	AM-12	29324.....	AM-3
316.....	AM-2	3446.....	AM-12	29326.....	AM-3
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352.....	AM-6	3481.....	AM-10	B71.....	AM-4
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356.....	AM-6	3494.....	AM-8	Q108.....	AM-10
357.....	AM-6	3495.....	AM-9	S771.....	AM-5
358.....	AM-4	3496.....	AM-9	S772.....	AM-5
359.....	AM-6	3497.....	AM-9	SS71.....	AM-4



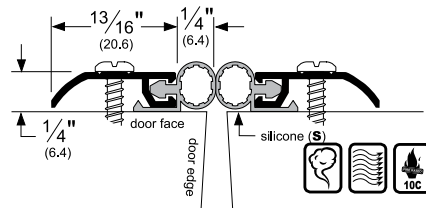
Astragal and Meeting Stile Gasketing - Split Astragals

- Astragals and meeting stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of **NFPA 80, 2-3.1.7** "The clearance between the meeting edges of doors swinging in pairs on the pull side shall be $\frac{1}{8}" \pm \frac{1}{16}"$ (3.18mm $\pm$ 1.59mm) for steel doors and shall not exceed $\frac{1}{8}"$ (3.18mm) for wood doors"

- Order split astragals at two (2) pieces by door height per set of double doors
- Punched with slotted holes for adjustment
- All clear anodized brush products are supplied with gray brush (available with black brush upon request). Other finishes supplied with black brush

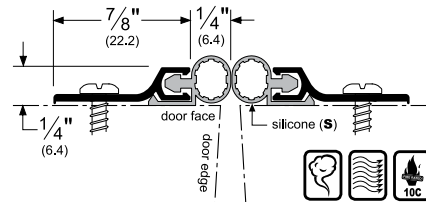
297_S

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



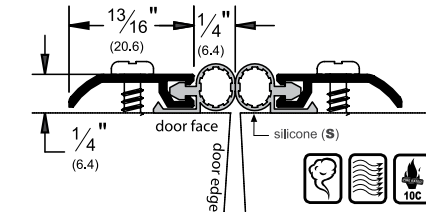
303_S

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



316_S

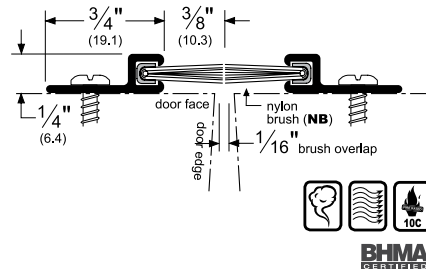
AVAILABLE FINISHES:
A, BDG, D, G



18041_NB

AVAILABLE FINISHES:
C, D, G, SN

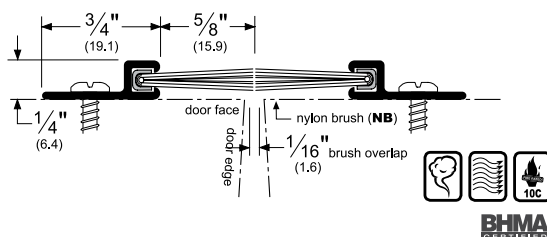
NOTE: Brush should mesh from $\frac{1}{32}"$ to $\frac{1}{16}"$.



18061_NB

AVAILABLE FINISHES:
C, D, G, SN

NOTE: Brush should mesh from $\frac{1}{32}"$ to $\frac{1}{16}"$.



Alternate Inserts For 297

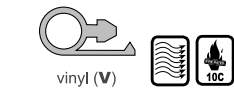
297_PK

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



297_V

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



Alternate Inserts For 303

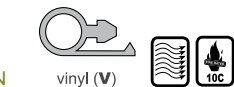
303_PK

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



303_V

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



Alternate Inserts For 316

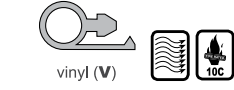
316_PK

AVAILABLE FINISHES:
A, BDG, D, G



316_V

AVAILABLE FINISHES:
A, BDG, D, G



Alternate Inserts For 18041

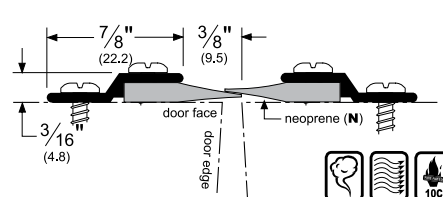
18041_SB

AVAILABLE FINISHES:
C, D, G, SN



305_N

AVAILABLE FINISHES:
B, C, D, G



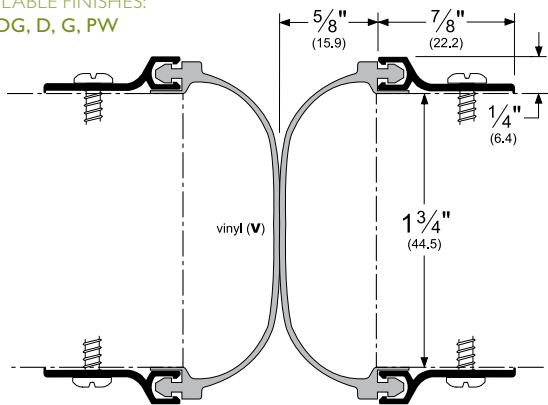
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized) Special finishes available upon request

Astragal and Meeting Stile Gasketing - Split Astragals (Cont.)

318_V

AVAILABLE FINISHES:
A, BDG, D, G, PW



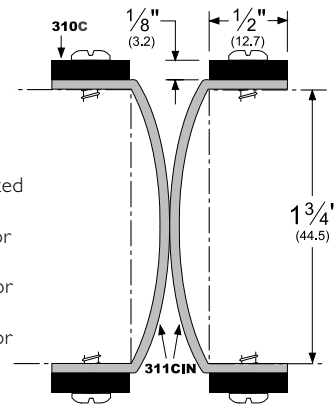
310_*

311CIN

AVAILABLE FINISHES:
C, D, G

- Material required for one pair of doors:
 - 4 ea. 310 bars and
 - 2 ea. 311CIN cloth inserted rubber pieces
 - Specify 311CIN3.75 for 1 3/4" thick doors
 - Specify 311CIN4.00 for 2" thick doors
 - Specify 311CIN4.25 for 2 1/4" thick doors

* Sold individually

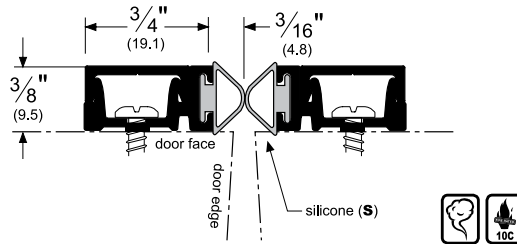


Split Astragals with Snap Covers – Concealed Fasteners

- Snap cover helps prevent vandalism and adds an attractive finished look by concealing the fasteners

29310_S

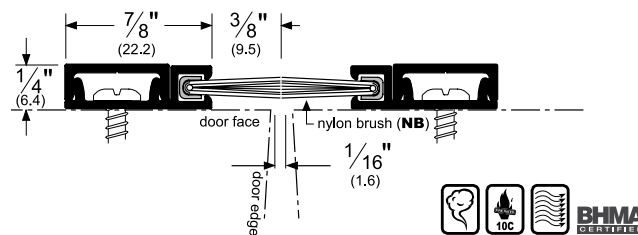
AVAILABLE FINISHES:
C, D, G



29324_NB

AVAILABLE FINISHES:
C, D, G

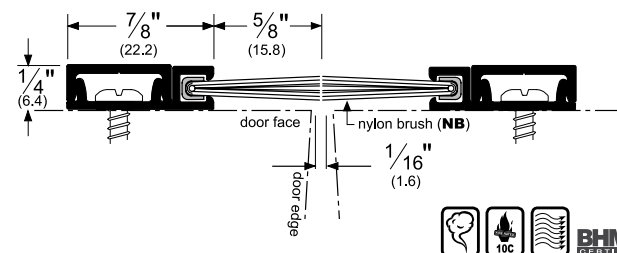
NOTE: Brush should mesh from 1/32" to 1/16".



29326_NB

AVAILABLE FINISHES:
C, D, G

NOTE: Brush should mesh from 1/32" to 1/16".



Alternate Inserts For 29310

29310_PK

AVAILABLE FINISHES:
C, D, G



29310_P

AVAILABLE FINISHES:
C, D, G



29310_V

AVAILABLE FINISHES:
C, D, G



Alternate Inserts For 29324

29324_SB

AVAILABLE FINISHES:
C, D



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized) Special finishes available upon request

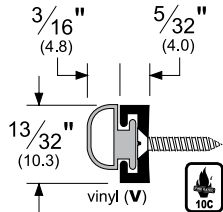
Meeting Stile Gasketing

- Astragals / Meeting Stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of NFPA 80, 2-5.4

- These products (except _71) do not work well on beveled-edge pairs of doors

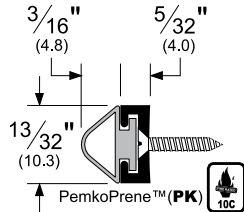
369_V

AVAILABLE FINISHES:
A, D, G



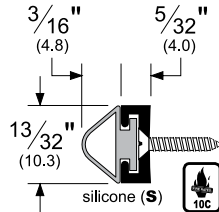
369_PK

AVAILABLE FINISHES:
A, D, G



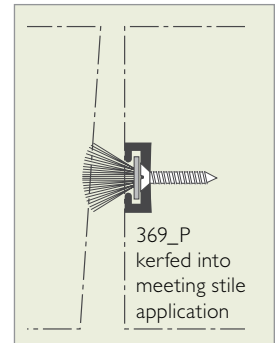
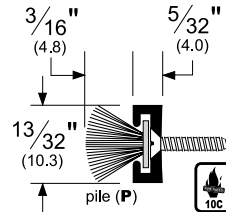
369_S

AVAILABLE FINISHES:
A, D, G



369_P

AVAILABLE FINISHES:
A, D, G



A371P

A372P

- Available in 84" and 96" lengths
- Available in gray pile only
- Fasten with nails or staples through pile and backing, or use adhesive. Fasteners not supplied
- Pile and backing do not separate

300_P

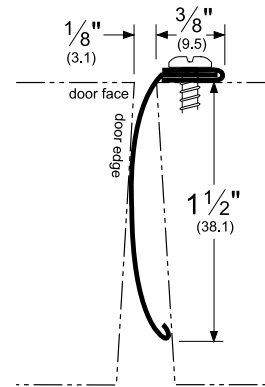
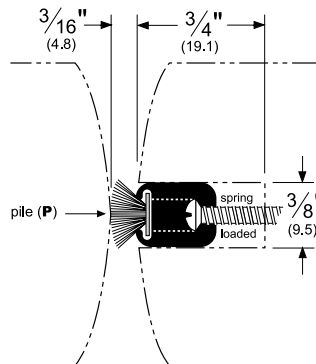
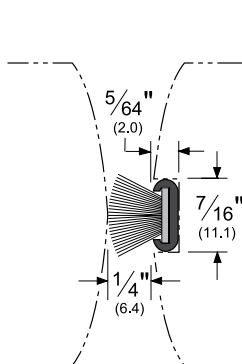
AVAILABLE FINISHES:
B, C, D, G

- For a 3/8" gap (or smaller) between doors
- Spring-loaded from back side

B71

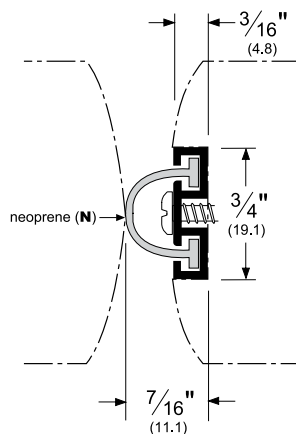
SS71

- .008 gauge hemmed spring bronze with .015 gauge brass retainer
- .008 gauge hemmed stainless steel with .020 gauge stainless steel retainer
- Available in 96" length only



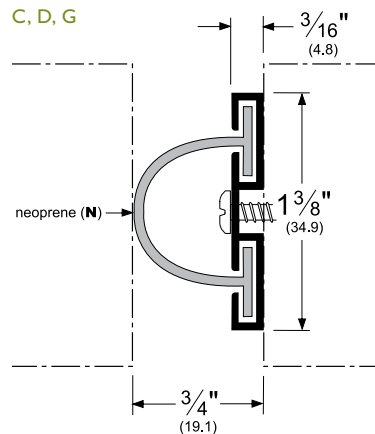
313_N

AVAILABLE FINISHES:
A, D, G



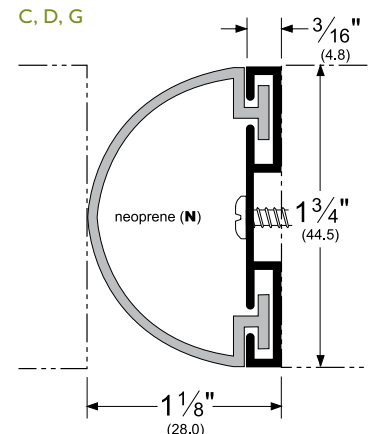
314_N

AVAILABLE FINISHES:
C, D, G



358_N

AVAILABLE FINISHES:
C, D, G



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

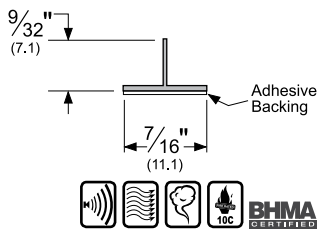
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) B (Hemmed Spring Bronze) C (Clear Anodized) D (Dark Bronze Anodized)
G (Gold Anodized) SS (Stainless Steel) Special finishes available upon request

Adhesive Astragal/Meeting Stile Seals

- The **S771** and **S772** astragal/meeting stile seals can be installed on virtually any pair of doors where sound attenuation is required. These products seal the opening to prevent heat loss, retard the passage of smoke, and act as a weatherization product
- Excellent resistance to compression set, particularly at elevated temperatures and for extended periods of time
- Stays flexible between -58°F and 450°F with very high resistance to flex fatigue
- Maintains a low closing force
- Easy installation requires no mechanical fasteners; can be cut to size in the field

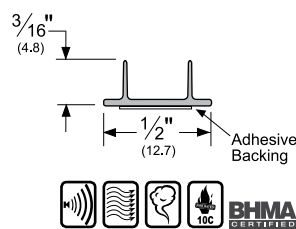
S771_

AVAILABLE FINISHES: **C, D, W**
AVAILABLE LENGTHS: 7', 8', 9', 10'



S772_

AVAILABLE FINISHES: **D, W**
AVAILABLE LENGTHS: 7', 8', 10'



Notes For All Adhesive Gasketing:

Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F.

For further notes/details, please see Adhesive Gasketing section.

Adjustable Astragals

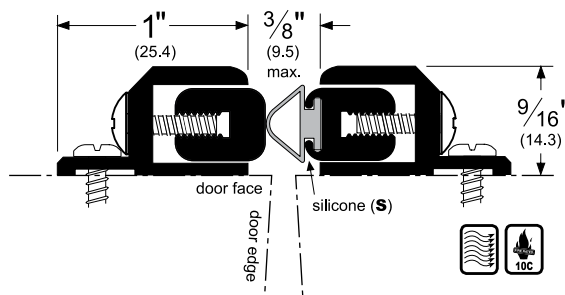
- Available in 84", 96" and 120" lengths
- When used as split astragals on double doors, two lengths must be ordered: one for each door

351_S

AVAILABLE FINISHES:
B, C, D, G

- Surface applied

351_ / 351_S

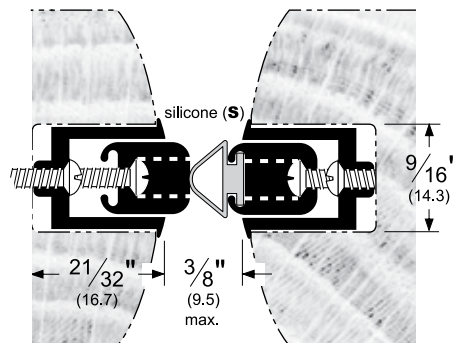


354_S

AVAILABLE FINISHES:
B, C, D, G

- Fully mortised

354_ / 354_S



Alternate Inserts For 351

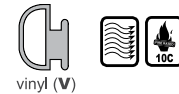
351_PK

AVAILABLE FINISHES:
B, C, D, G



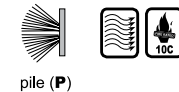
351_V

AVAILABLE FINISHES:
B, C, D, G



351_P

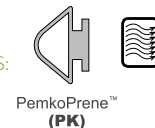
AVAILABLE FINISHES:
B, C, D, G



Alternate Inserts For 354

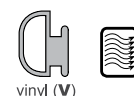
354_PK

AVAILABLE FINISHES:
B, C, D, G



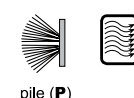
354_V

AVAILABLE FINISHES:
B, C, D, G



354_P

AVAILABLE FINISHES:
B, C, D, G

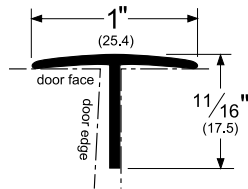


AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BL (Black) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized)
Special finishes available upon request

"T" and Overlapping Astragals

359_

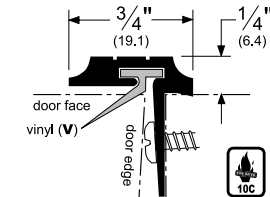
AVAILABLE FINISHES:
A, B, BDG, DW



356_V

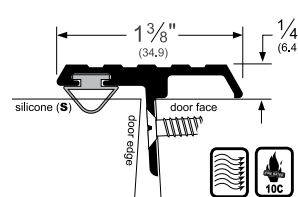
AVAILABLE FINISHES:
A, BDG, D, PW, SN

- Countersink drilling with countersunk flathead screws also available upon request at no extra charge



355_S

AVAILABLE FINISHES:
B, BDG, C, D, G, PW, SN



Alternate Inserts For 355

355_V

AVAILABLE FINISHES:
B, BDG, C, D, G, PW, SN



355_P

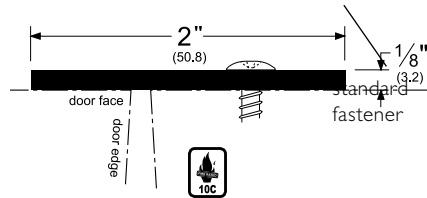
AVAILABLE FINISHES:
B, BDG, C, D, G, PW, SN



357_ 357_ND

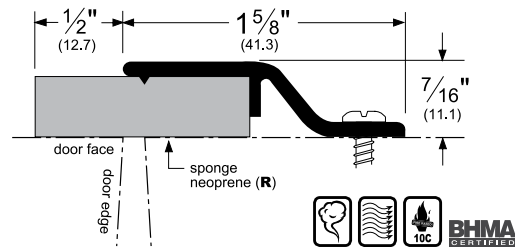
AVAILABLE FINISHES:
C, D, G, SP, SS (#4 Finish & #4 Edge)

- "ND" denotes "no drill" (unless specified "ND", astragals are drilled)
- Standard fastener is #10 x 1" Truss Head SMS



375_R

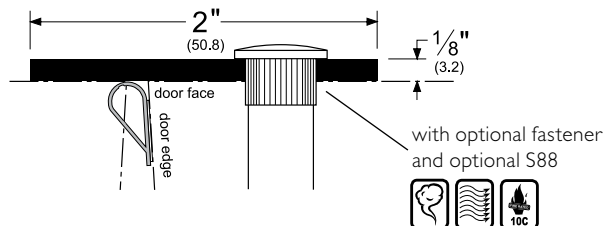
AVAILABLE FINISHES:
B, C, D, G



357_ with S88

AVAILABLE FINISHES:
SP, SS (#4 Finish & #4 Edge)

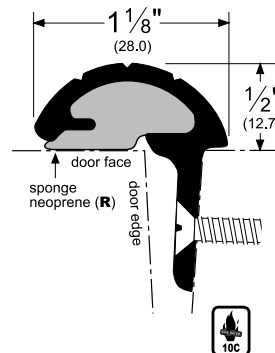
- 1/4" - 20 machine screws and thru-bolts must be ordered separately at additional cost
- Standard fastener is #10 x 1" Truss Head SMS
- S88 (see Adhesive Gasketing section) must be ordered separately at an additional cost, if required



352_R

AVAILABLE FINISHES:
C, D, G

For reverse bevel doors



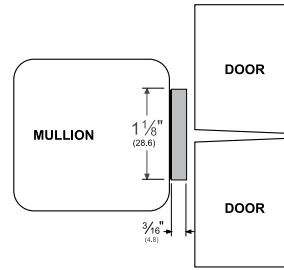
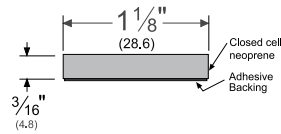
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized) SP (Galvanneal Steel) SS (See Individual Part) Special finishes available upon request

Adhesive-Backed Mullion Gasketing

5110_

AVAILABLE FINISH: **BL**
AVAILABLE LENGTHS: 120"



Offset Security Bar

- For use on single outswing wood or metal doors
- Covers gap between the door and jamb for the full door height, preventing prying and manipulation

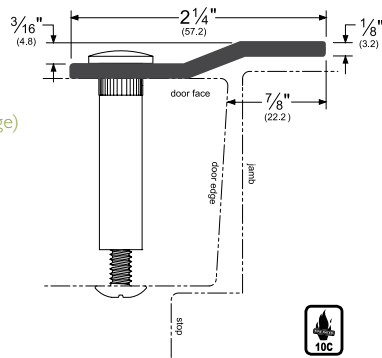
3572_

3572_ND

AVAILABLE FINISHES:
SP, SS (#4 Finish & #4 Edge)

AVAILABLE LENGTHS:
80", 84" and 96"

10 GAUGE



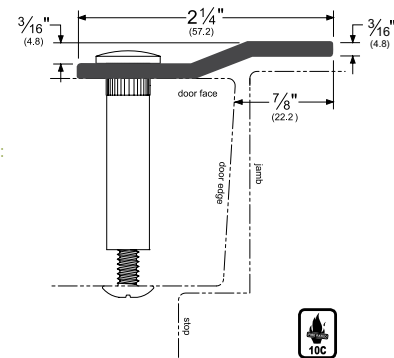
3572PP7

3572PP7ND

AVAILABLE FINISHES:
PP

AVAILABLE LENGTHS:
84"

7 GAUGE



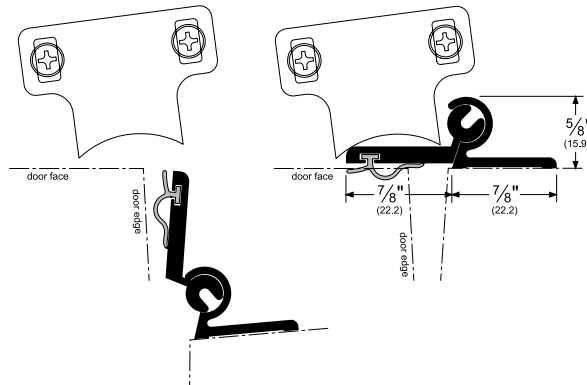
Security Astragal

- Automatic security astragal for outswing pairs of wood and metal doors
- Discourages manipulation of panic-type hardware
- Astragal is held flush against other door by 1/2" thick cam (cam and mounting screws included)
- Anodized aluminum with vinyl seal and stainless steel operating spring

- Either door may be active without requiring a coordinator
- Only available in 86" and 96" lengths. Parts can be trimmed 12" maximum from each end
- Should be mounted prior to attaching panic hardware to eliminate the problem of interference
- Must be installed on the inside and top of a pair of outswing doors

378_

AVAILABLE FINISHES:
C, D, G



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Mill Finish Extruded Bronze [Brass]) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PP** (Prime Painted)
Special finishes available upon request

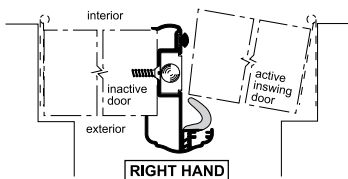
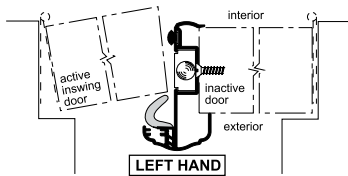
Locking Astragals

- Weatherstripped astragals with locking spring bolts or slide bolts for $1\frac{3}{4}$ " inswing double doors
- Odd numbered astragals have economical smooth acting slide bolts. Slide bolts are 18" from the top/bottom for easier access. Even numbered astragals have locking spring bolts. Both have full $\frac{3}{8}$ " diameter steel bolts with $1\frac{1}{16}$ " throw. In the extended and locked position, locking spring bolts cannot be easily retracted by tampering. In the retracted position, the spring loaded bolts latch firmly, preventing marking of the floor and door header trim when opening or closing the inactive door
- Styles 3493 thru 3498 come with a molded sponge neoprene bottom seal
- All feature four-way adjustable strike plate mounting for latchbolt and deadbolt
- All come with a vinyl snap-in cover strip to conceal the cutout and cover the mounting screws
- Astragal stock lengths are 80", 84", 96" and 120"
- A standard deadbolt punchout is $\frac{3}{4}$ " x 4" at 40" on center. Punchout supplied on request only
- Punchout supplied on request only
- For non-stock astragals, specify deadbolt punchout size and center distance from top end
- Specify handing using the handing chart on page AM-8 or AM-11

Handing Chart For Astragals

(For pages AM-8 thru AM-10)

An astragal is handed by the hand of the active door. The hand of the active door is determined by the position of the hinges on the door, when viewed from the outside (the key side)



Slimline style with slide bolt

3493_S

3493_V

AVAILABLE FINISHES:
BDG, C, D, G, PW, SN

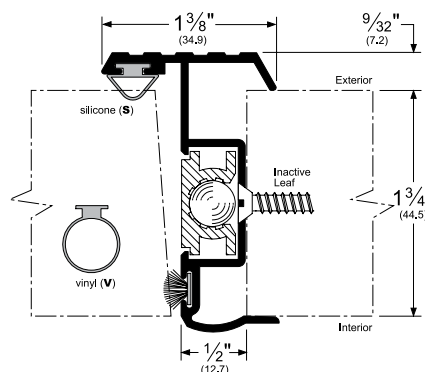
3493 also available with 18" slide bolt (at additional cost) for easier access (specify "L" at the end of the product number for this option i.e. **3493_VL**)

Slimline style with locking spring bolt

3494_S

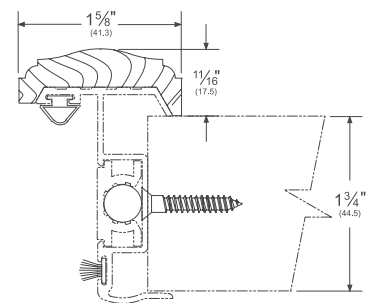
AVAILABLE FINISHES:
BDG, C, D, G, PW, SN

Slimline Style



Oak Fascia

OAK349-96



- Available in 96" length only
- The oak fascia is attached to the face of 3493/3494 locking metal astragals, providing a aesthetic appearance while utilizing the mechanical advantages of the locking metal astragals
- The oak fascia is supplied unfinished to allow for custom matching

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

BDG (Bright Dip Gold Anodized) **C** (Clear Anodized) **BL** (Black) **G** (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized)
 Special finishes available upon request

Locking Astragals

Colonial Style

Colonial style with slide bolt

3495_M

3495_Q

AVAILABLE FINISHES:
BDG, C, D, PW, SN

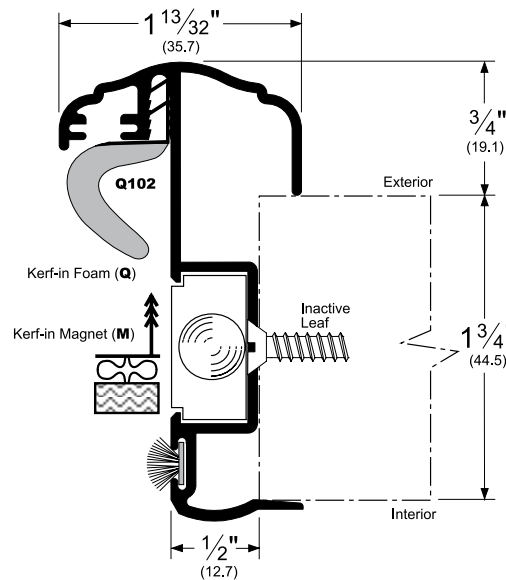
- 3495 available with 18" aluminum bar; specify "L" at the end of product number (i.e. 3498_Q96L)

Colonial style with locking spring bolt

3496_M

3496_Q

AVAILABLE FINISHES:
BDG, C, D, G, PW, SN

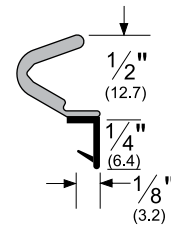


Q108_

AVAILABLE FINISHES:

BL, W

Available with Q108 insert only upon request



Colonial Style with Thermal Break

Colonial style with slide bolt and thermal break

3497_M

3497_Q

AVAILABLE FINISHES:
BDG, C, D, PW

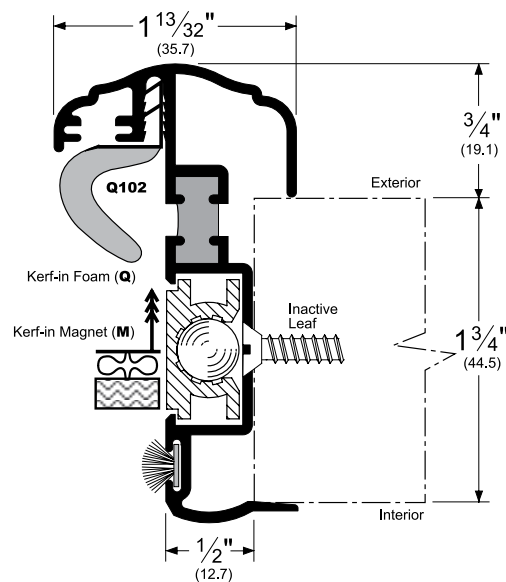
- 3497 available with 18" aluminum bar; specify "L" at the end of product number (i.e. 3497_M96L)

Colonial style with locking spring bolt and thermal break

3498_M

3498_Q

AVAILABLE FINISHES:
BDG, C, D, PW



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (White) SN (Satin Nickel Anodized)
Special finishes available upon request Kerf Colors: BL (Black) W (White)

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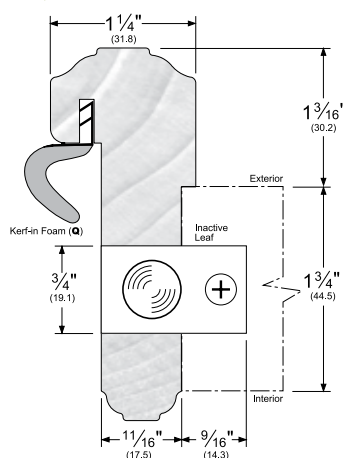
ASSA ABLOY, the global leader
in door opening solutions

Locking Wood Astragals

- Fir and Oak are clear, stain grade with no knots on visible surfaces
- 3481's** are supplied with a hardware kit including:
Two (2) bright brass sliding type flush bolt assemblies

3481_Q

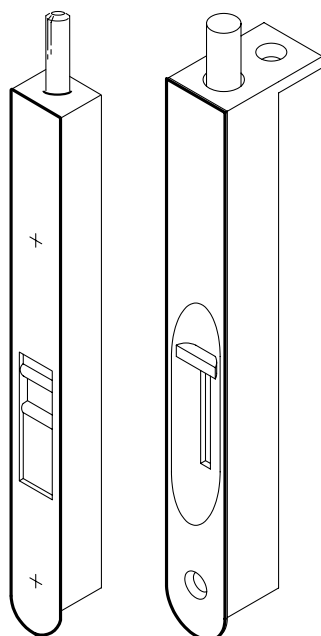
AVAILABLE FINISHES:
FIR, OAK



3483FB

3481FB

- Flush bolt face plates for 3483FB are 3/4" x 7".
Face plates for 3481FB are 3/4" x 6"
- A 3/4" x 9/16" x 1/8" notch at the top of the door is required for the flush bolt mounting flange on 3481FB
- Flush bolt assemblies for locking wood astragals can be purchased separately



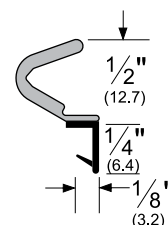
Illustrations not to scale.

(5/16" diameter x 1" long throw bolt) and one 1/2" thick sponge neoprene bottom seal with double faced adhesive for attachment (non-handed)

Q108_

AVAILABLE FINISHES:
D, W

3481 available with **Q108**
insert only upon request

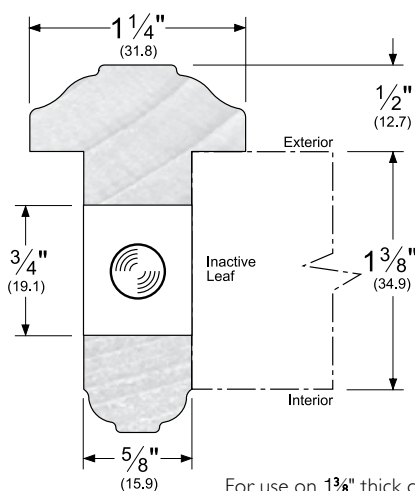


3483_ (0 flush bolts)

34831_ (1 flush bolt)

34832_ (2 flush bolts)

AVAILABLE FINISHES:
FIR, OAK



For use on 1 3/8" thick doors

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

BDG (Bright Dip Gold Anodized) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (White) **SN** (Satin Nickel Anodized)
Kerf Colors: **BL** (Black) **W** (White)

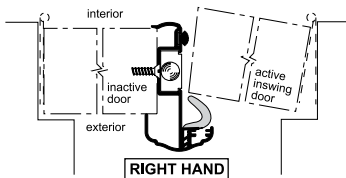
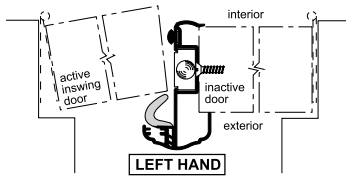
Outswing Locking Astragals

- Weatherstripped astragals with locking spring bolts or slide bolts for 1 $\frac{3}{4}$ " outswing double doors. Slide bolts are 18" from the top/bottom for easier access
- Odd numbered astragals have economical smooth acting slide bolts. Even numbered astragals have locking spring bolts. Both have full $\frac{3}{8}$ " diameter steel bolts with 1 $\frac{1}{4}$ " throw for improved locking strength. In the extended and locked position, locking spring bolts cannot be easily retracted by tampering. In the retracted position, the spring loaded bolts latch firmly, thus preventing marking of the floor and door header trim when opening or closing the inactive door
- All come with a vinyl snap-in cover strip to conceal the cutout and to cover the mounting screws
- All feature four-way adjustable strike plate mounting for latchbolt and deadbolt
- All styles come with a molded sponge neoprene bottom seal
- Each astragal comes complete with an installation kit and detailed instructions
- Specify punchout locations with your order
- Specify handing using the handing chart below

Handing Chart For Astragals

(For pages AM-11 thru AM-12)

An astragal is handed by the hand of the active door. The hand of the active door is determined by the position of the hinges on the door, when viewed from the outside (the key side)



Slimline Style

Slimline style with slide bolt

3443_S

AVAILABLE FINISHES:

C, D, PW

3443 available with 18" aluminum bar; specify "L" at the end of product number (i.e. 3443_S96L)

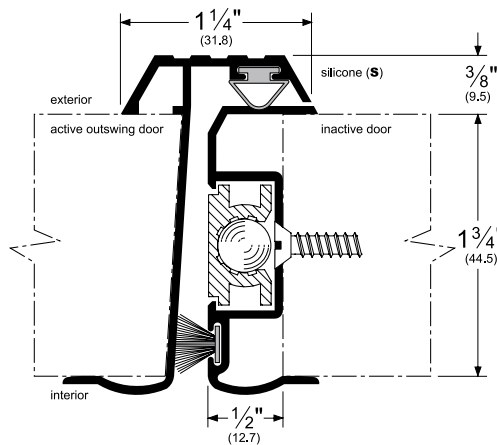
Slimline style with locking spring bolt

3444_S

AVAILABLE FINISHES:

C, D, PW

Slimline Style



Outswing Locking Astragals (Cont.)

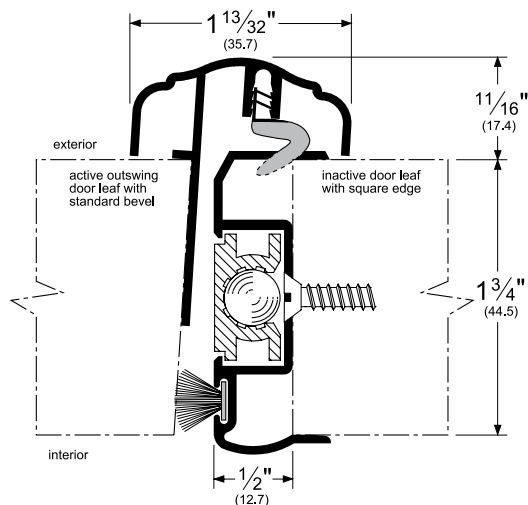
Colonial Style

- Can be used when the active outswing door leaf has a square edge

Colonial style with slide bolt

3445_Q

AVAILABLE FINISH:
PW



Colonial style with locking spring bolt

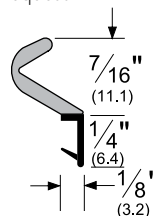
3446_Q

AVAILABLE FINISH:
PW

Q107_

AVAILABLE FINISHES:
D, W

3445, 3446, 3447, and 3448
available with **Q107** insert only
upon request.



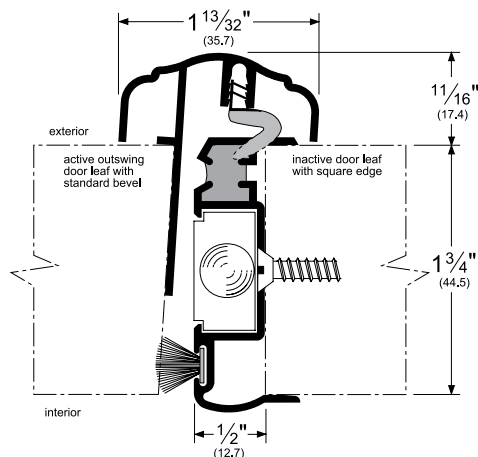
Colonial Style with Thermal Break

- Can be used when the active outswing door leaf has a square edge

Colonial style with slide bolt and thermal break

3447_Q

AVAILABLE FINISH:
PW



Colonial style with locking spring bolt and thermal break

3448_Q

AVAILABLE FINISH:
PW

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BDG (Bright Dip Gold Anodized) **PW** (Painted White) Special finishes available upon request
Kerf Colors: **D** (Dark Brown) **W** (White)

BRUSH GASKETING

CONTENTS:

180° Aluminum Retainers.....	BR-2, BR-3
180° Concealed Fastener Retainers	BR-3
90° Aluminum Retainers.....	BR-4
45° Aluminum Retainers.....	BR-4, BR-5
45° Concealed Fastener Retainers.....	BR-5
35° Aluminum Retainers.....	BR-6
Mortise Retainers.....	BR-6
Aluminum Retainers With Rain Drip	BR-6
Oak Retainers 36" Wide.....	BR-6
Meeting Stiles.....	BR-7
Automatic Door Bottoms.....	BR-8

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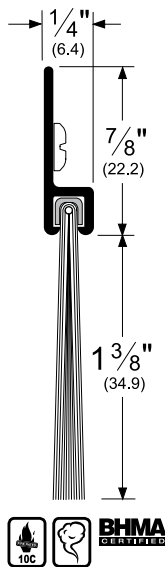
PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
345.....	BR-6	18100.....	BR-3	45041.....	BR-5
411.....	BR-8	18100W.....	BR-6	45061.....	BR-5
434.....	BR-8	18137.....	BR-2	45062.....	BR-5
3452.....	BR-6	18175.....	BR-2	45100.....	BR-5
4131.....	BR-8	18250.....	BR-2	45137.....	BR-5
4301.....	BR-8	18400.....	BR-2	45175.....	BR-4
5025.....	BR-6	18950.....	BR-2	45250.....	BR-4
5041.....	BR-6	29324.....	BR-3, BR-7	45400.....	BR-4
5061.....	BR-6	29326.....	BR-3, BR-7	90041.....	BR-4
18041.....	BR-3, BR-7	29344.....	BR-5	90062.....	BR-4
18061.....	BR-6, BR-7	29346.....	BR-5	90100.....	BR-4
18062.....	BR-3	35041.....	BR-6	90137.....	BR-4
18062W.....	BR-6	35061.....	BR-6	293100.....	BR-3

180° Aluminum Retainers

- All brush seals consist of densely compressed nylon filaments encased in a high quality aluminum retainer. These products are ideally suited for hollow metal and wood door applications. Also use PEMKO's brush weatherstripping product on overhead, section, sliding, and automatic doors
- All brush seals reduce the infiltration of light, air, wind, rain, and snow; prevent heat loss; and control the penetration of smoke and fumes
- Brush remains flexible down to -40°F and has a melting point above 400°F
- UV stable, dependable, long-lasting, cost-effective
- Punched with slotted holes for adjustment (except 35° angle types which are drilled with 1/8" hole)
- Naturally repels rodents and spiders; can be sprayed with household pest repellent for additional pest control

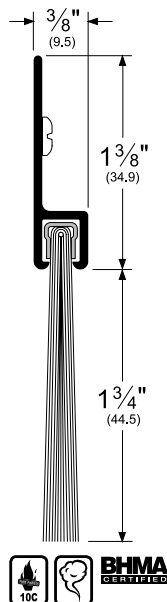
18137_NB

AVAILABLE FINISHES:
C, D, G, PW



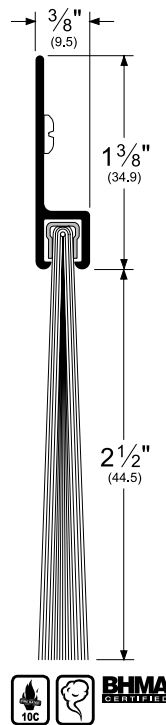
18175_NB

AVAILABLE FINISHES:
C, D, G



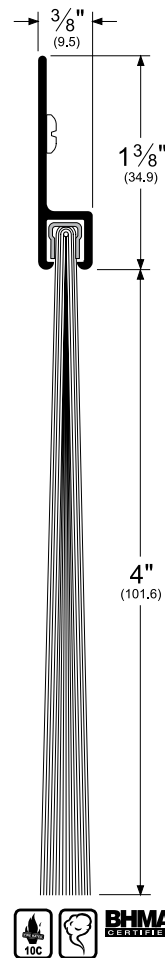
18250_NB

AVAILABLE FINISHES:
C, D, G



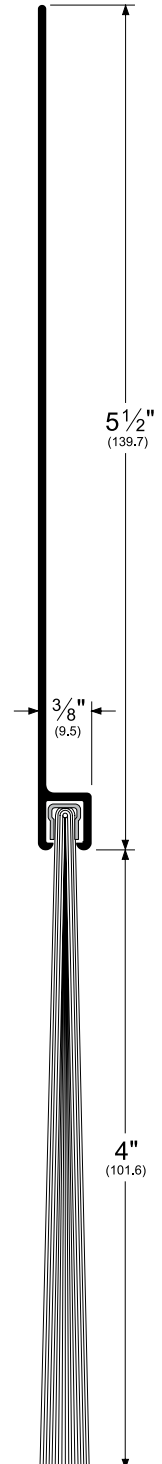
18400_NB

AVAILABLE FINISHES:
C, D, G



18950_NB

AVAILABLE
FINISHES:
C, D



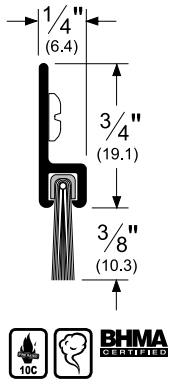
18950_NB does not come punched or drilled unless specified otherwise

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
 (Clear Anodized) (Dark Bronze Anodized) G (Gold Anodized) (Painted White)
 Special finishes available upon request

180° Aluminum Retainers (Cont.)

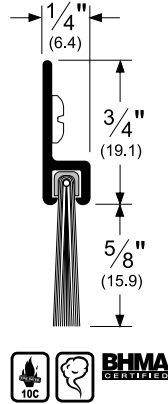
18041_NB

AVAILABLE FINISHES:
C, D, G, SN



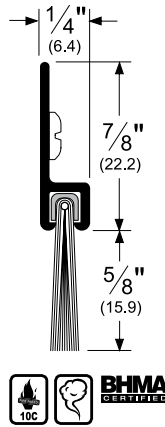
18061_NB

AVAILABLE FINISHES:
C, D, G, SN



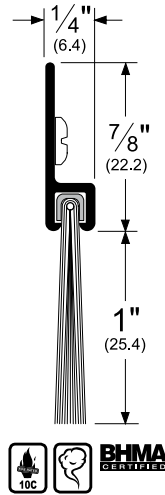
18062_NB

AVAILABLE FINISHES:
C, D, G, PW



18100_NB

AVAILABLE FINISHES:
C, D, G, PW



Alternate Insert For 18041

18041_SB

AVAILABLE FINISHES:
C, D, G, SN

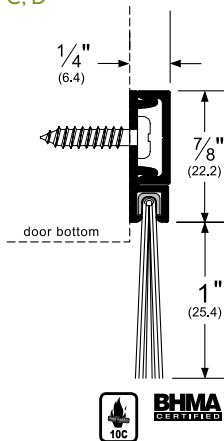


180° Concealed Fastener Retainers

- Aluminum snap cover conceals mounting screws to provide a clean aesthetic appearance
- Cover snaps securely into place to deter vandalism

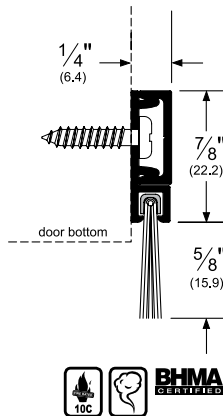
293100_NB

AVAILABLE FINISHES:
C, D



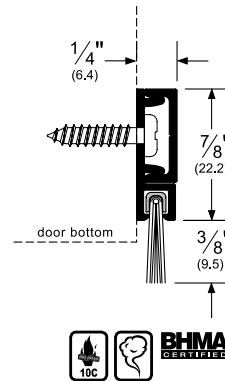
29326_NB

AVAILABLE FINISHES:
C, D, G



29324_NB

AVAILABLE FINISHES:
C, D, G



Alternate Insert For 29324

29324_SB

AVAILABLE FINISHES:
C, D



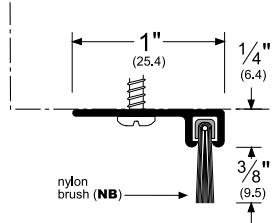
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized)
Special finishes available upon request

90° Aluminum Retainers

- Design permits use as a concealed seal for many applications
- Slotted holes for easy adjustment

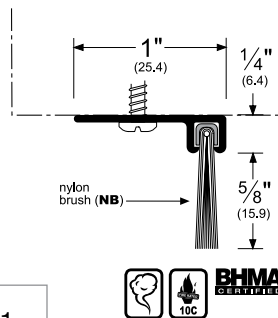
90041_NB

AVAILABLE FINISHES:
C, D



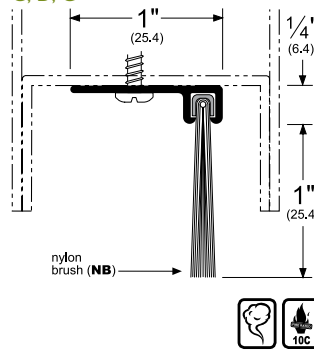
90062_NB

AVAILABLE FINISHES:
C, D



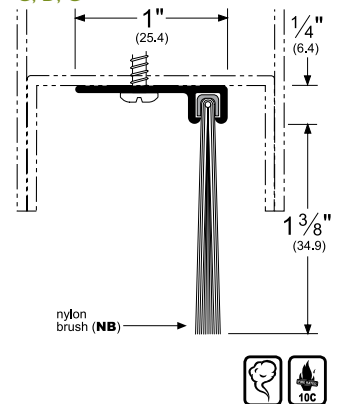
90100_NB

AVAILABLE FINISHES:
C, D, G



90137_NB

AVAILABLE FINISHES:
C, D, G



Alternate Insert For 90041

90041_SB

AVAILABLE FINISHES:
C, D

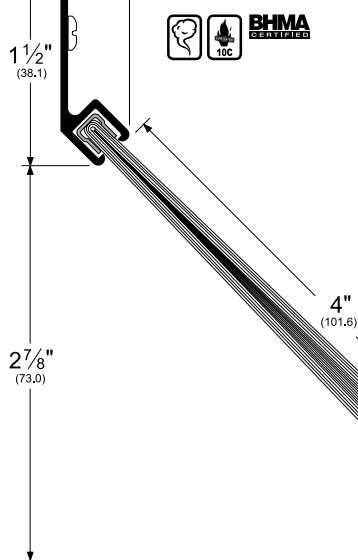


45° Aluminum Retainers

- Slotted holes for easy adjustment

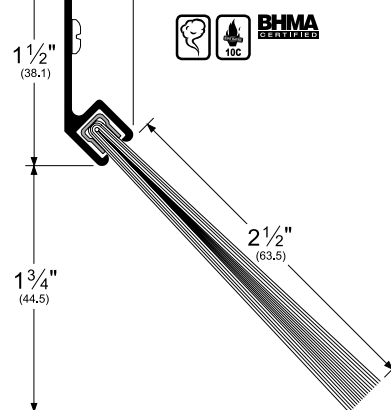
45400_NB

AVAILABLE FINISHES:
C, D



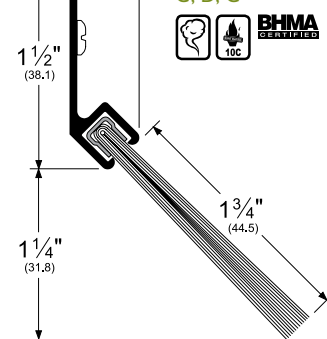
45250_NB

AVAILABLE FINISHES:
C, D, G



45175_NB

AVAILABLE FINISHES:
C, D, G

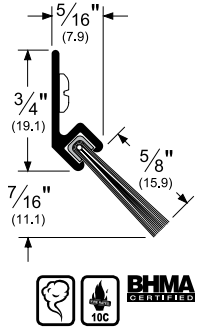


AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)

45° Aluminum Retainers (Cont.)

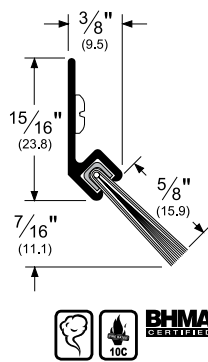
45061_NB

AVAILABLE FINISHES:
C, D, G, SN



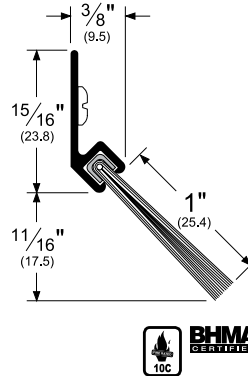
45062_NB

AVAILABLE FINISHES:
C, D, G, PW



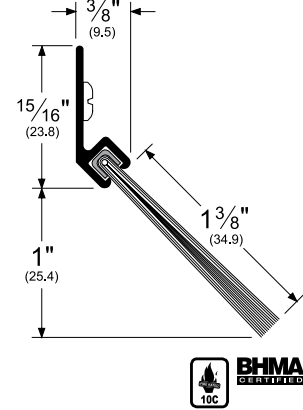
45100_NB

AVAILABLE FINISHES:
C, D, G, PW



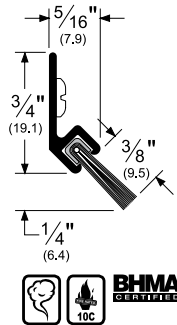
45137_NB

AVAILABLE FINISHES:
C, D, PW



45041_NB

AVAILABLE FINISHES:
C, D, G, SN



Alternate Insert For 45041

45041_SB

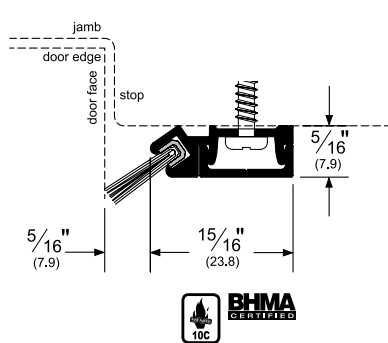
AVAILABLE FINISHES:
C, D, G, SN



45° Concealed Fastener Retainers

29344_NB

AVAILABLE FINISHES:
C, D



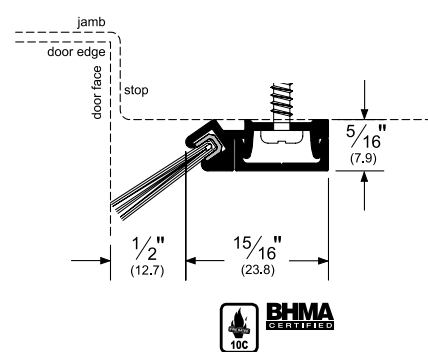
29344_SB

AVAILABLE FINISHES:
C, D



29346_NB

AVAILABLE FINISHES:
C, D



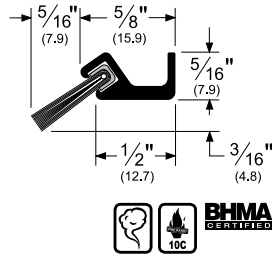
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized)

35° Aluminum Retainers

These products have $\frac{1}{8}$ " drilled fastener holes

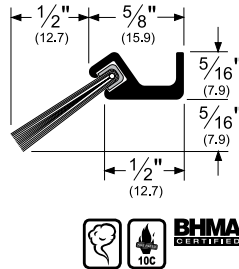
35041_NB

AVAILABLE FINISHES:
C, D, G



35061_NB

AVAILABLE FINISHES:
C, D, G



Alternate Insert For 35041

35041_SB

AVAILABLE FINISHES:
C, D, G



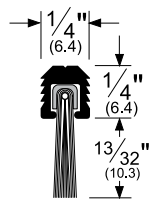
soft brush (SB)

Mortise Retainers

- The ultimate design for concealed weatherstrip needs
- Can be used on doors, windows and more

5041_NB

AVAILABLE FINISH:
A



Alternate Insert For 5041

5041_SB

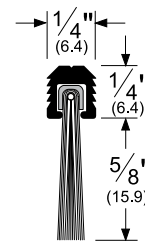
AVAILABLE FINISHES:
A



soft brush (SB)

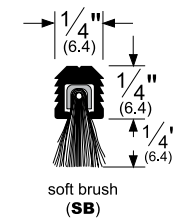
5061_NB

AVAILABLE FINISH:
A



5025_SB

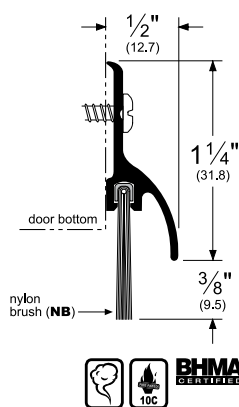
AVAILABLE FINISH:
A



Aluminum Retainers with Rain Drip

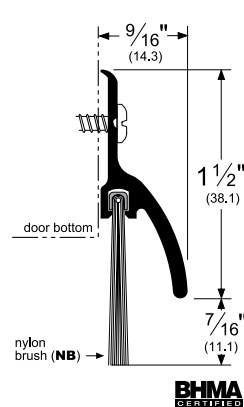
3452_NB

AVAILABLE FINISHES:
BDG, C, D, G, PW, SN



345_NB

AVAILABLE FINISHES:
A, BDG, D, G, PW

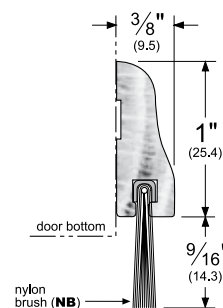


Oak Retainers 36" Wide

- These products have $\frac{1}{8}$ " drilled fastener holes

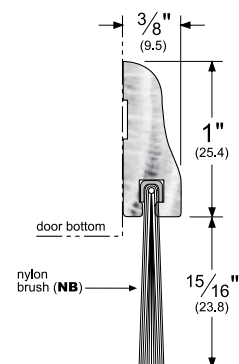
18062WNB

AVAILABLE FINISH:
W



18100WNB

AVAILABLE FINISH:
W



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)
PW (Painted White) SN (Satin Nickel Anodized) W (Unfinished Solid Oak)

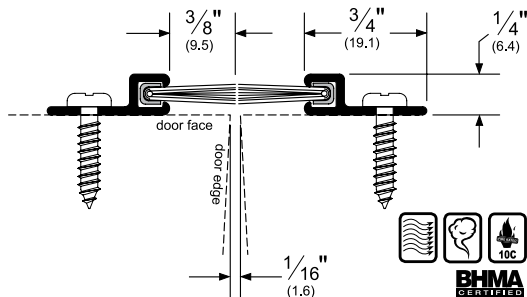
Meeting Stiles

- Astragals and Meeting Stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of NFPA 80, 2-3.1.7 "The clearance between the meeting edges of doors swinging in pairs on the pull side shall be $\frac{1}{8}" \pm \frac{1}{16}"$ (3.18mm $\pm$ 1.59mm) for steel doors and shall not exceed $\frac{1}{8}"$ (3.18mm) for wood doors"

- Snap cover helps prevent vandalism and adds an attractive finished look by concealing the fasteners
- NOTE: Although drawn with a gap between the brush, when installed, these brush products SHOULD make direct contact. Brush should mesh from $\frac{1}{32}"$ to $\frac{1}{16}"$

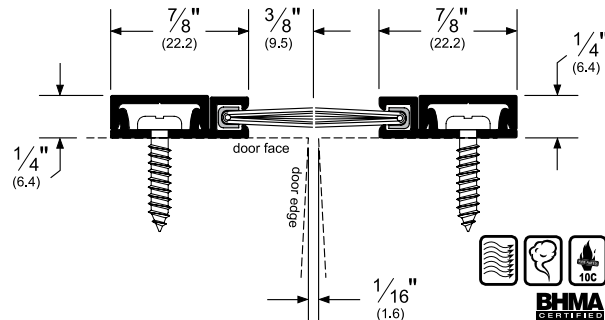
18041_NB

AVAILABLE FINISHES:
C, D, G, SN



29324_NB

AVAILABLE FINISHES:
C, D, G



Alternate Insert For 18041

18041_SB

AVAILABLE FINISHES:
C, D, G, SN



soft brush (SB)

Alternate Insert For 29324

29324_SB

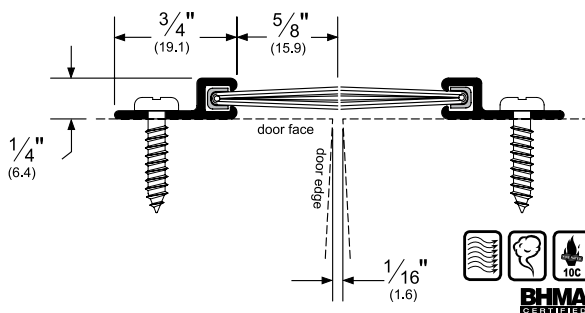
AVAILABLE FINISHES:
C, D, G



soft brush (SB)

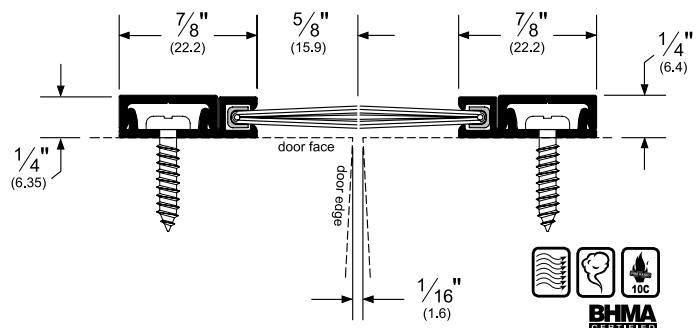
18061_NB

AVAILABLE FINISHES:
C, D, G, SN



29326_NB

AVAILABLE FINISHES:
C, D



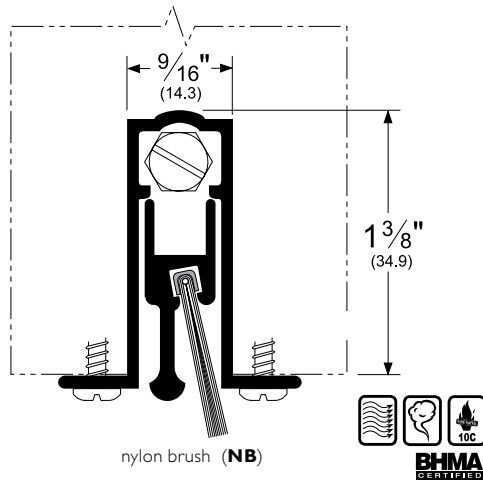
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized)

Automatic Door Bottoms

- When ordering 4131 or 4301, specify if the automatic door bottom is for a semi-mortise application so that shorter screws can be provided

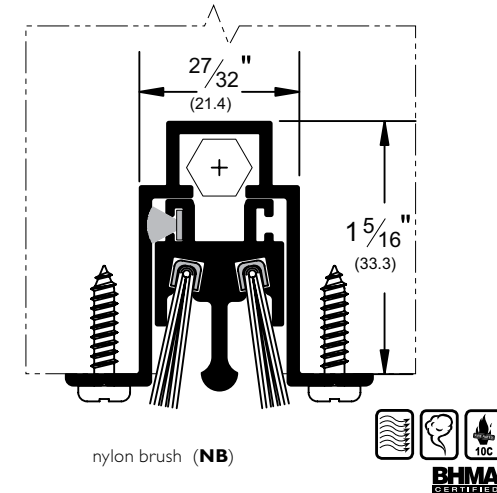
411_NBL

AVAILABLE FINISH:
A



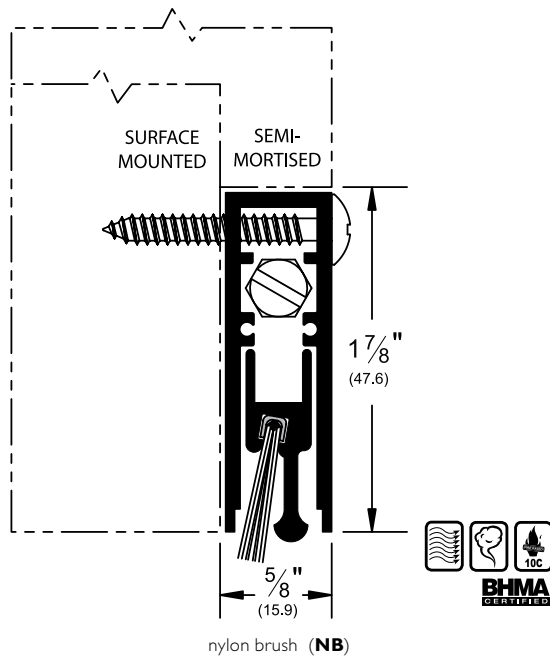
434_NBL

AVAILABLE FINISH:
A



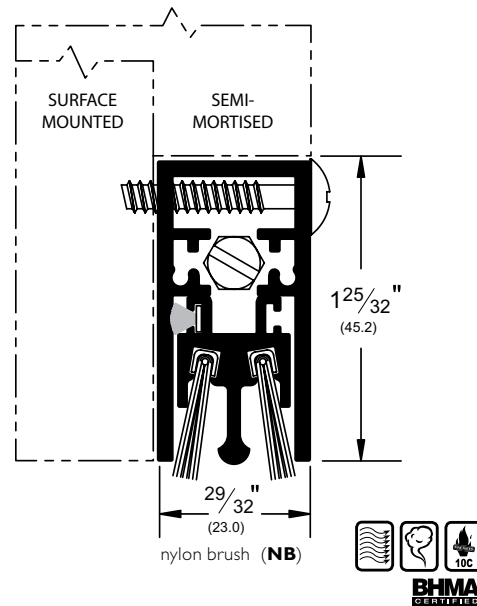
4131_NBL

AVAILABLE FINISHES:
BDG, C, D, G, SN



4301_NBL

AVAILABLE FINISHES:
C, D



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized)

PERIMETER GASKETING

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Heavy Duty Perimeter Gasketing - Head Section.....	PG-6
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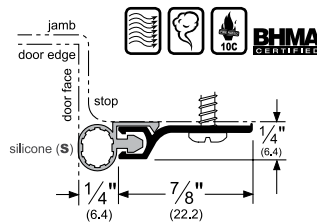
PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
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4P.....	PG-11	322.....	PG-5	AM88.....	PG-10
6C.....	PG-11	330.....	PG-4	MAG349	PG-9
10.....	PG-11	331.....	PG-11	NL1634.....	PG-12
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315.....	PG-4	332SSR.....	PG-5	S776	PG-10

Standard Perimeter Gasketing

- Rigid jamb weatherstrip shown mounted on openings with $\frac{1}{16}$ " gaps; however, each weatherstrip can seal gaps up to the depth of its seal. Seal depth provided on each illustration (example: the **303** has a $\frac{1}{4}$ " seal; therefore, it can seal up to a $\frac{1}{4}$ " gap)
- Punched on 6" centers with slotted holes for adjustment
- Stainless steel fasteners are standard
- Other fasteners are available
- Models **294**, **303**, and **306** are available with self-adhesive two-sided tape (TST) and tek screws (3 slotted holes per part) for easy installation. To obtain this option, add "TST" to the end of the part when ordering (example: **303AVTST**)

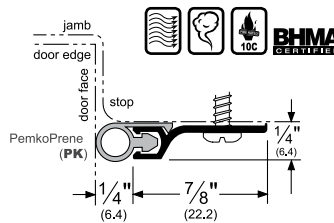
303_S

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



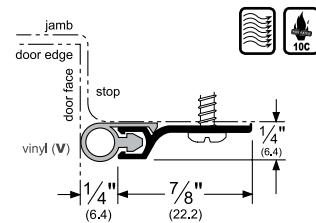
303_PK

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



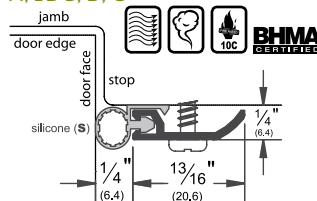
303_V

AVAILABLE FINISHES:
A, BDG, C, D, G, PW, SN



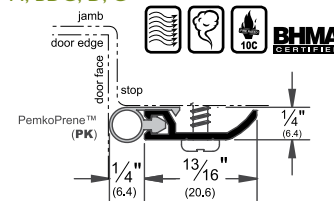
316_S

AVAILABLE FINISHES:
A, BDG, D, G



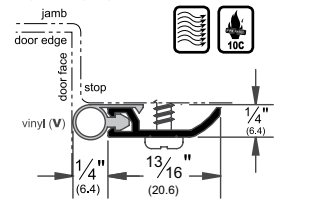
316_PK

AVAILABLE FINISHES:
A, BDG, D, G



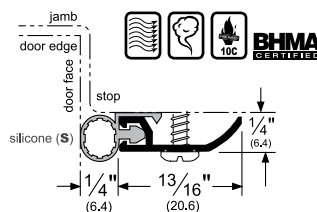
316_V

AVAILABLE FINISHES:
A, BDG, D, G



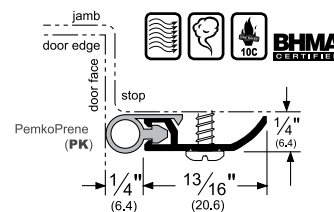
297_S

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



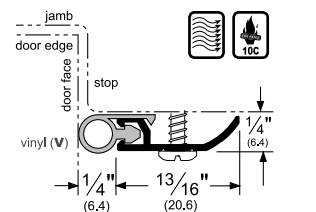
297_PK

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



297_V

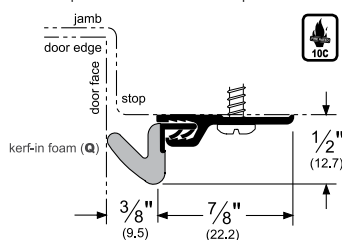
AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



306_Q

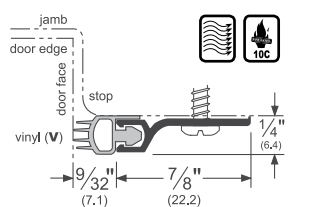
AVAILABLE FINISHES:
A, D, PW

Minimum space between the door face and the stop is $\frac{3}{16}$ "; maximum space is $\frac{5}{16}$ "



306_V

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



NOTE: Products shown in this section may not be drawn to scale.

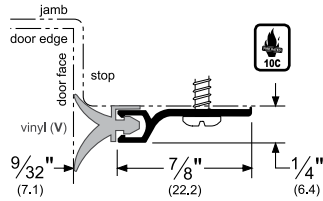
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized)

Standard Perimeter Gasketing (Cont.)

294_V

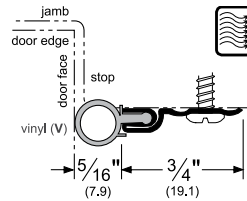
AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



299_V

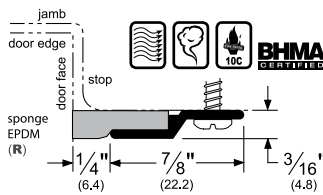
AVAILABLE FINISHES:
PA, PD, PG, PW

Available only in 36", 72", 80", 84" and 96" lengths



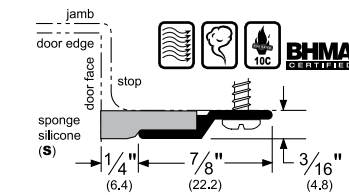
305_R

AVAILABLE FINISHES:
B, C, D, G



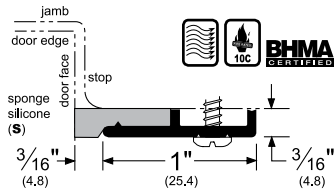
305_S

AVAILABLE FINISHES:
B, C, D, G



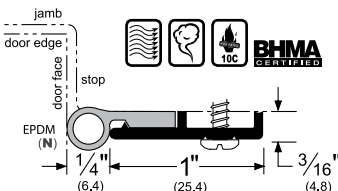
319_S

AVAILABLE FINISHES:
C, D, G



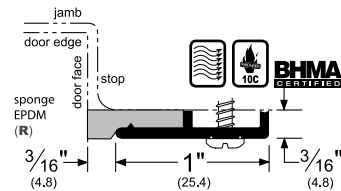
319_N

AVAILABLE FINISHES:
C, D, G



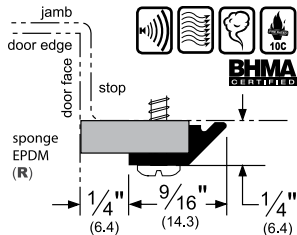
319_R

AVAILABLE FINISHES:
C, D, G



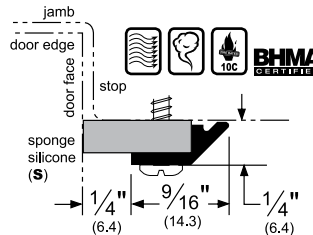
332_R

AVAILABLE FINISHES:
C, D, G



332_S

AVAILABLE FINISHES:
C, D, G



NOTE: Products shown in this section may not be drawn to scale.

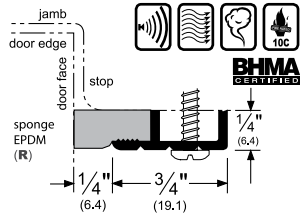
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)
PA (Mill Finish Aluminum) PD (Painted Dark Bronze) PG (Painted Gold) PW (Painted White) SN (Satin Nickel Anodized)

Standard Perimeter Gasketing (Cont.)

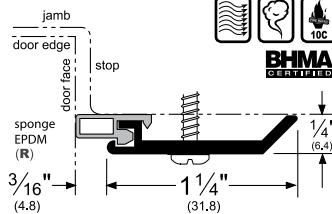
312_R

AVAILABLE FINISHES:
B, C, D, G



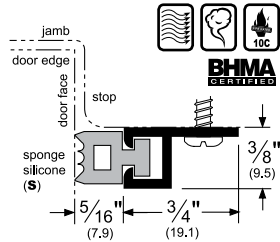
315_R

AVAILABLE FINISHES:
B, C, D, G



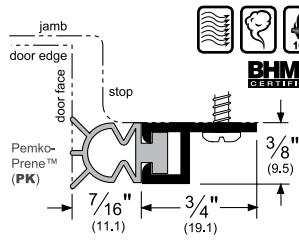
296_S

AVAILABLE FINISHES:
C, D, G



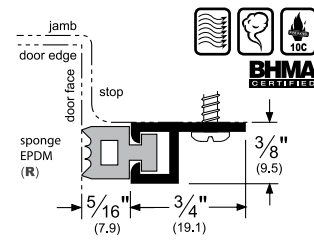
296_PK

AVAILABLE FINISHES:
C, D, G



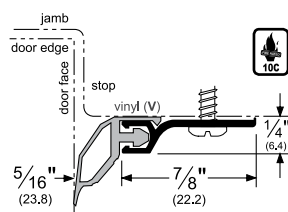
296_R

AVAILABLE FINISHES:
C, D, G



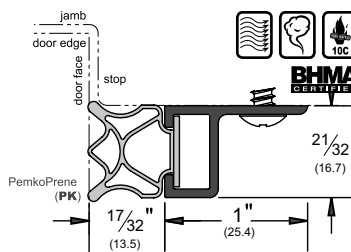
330_V

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



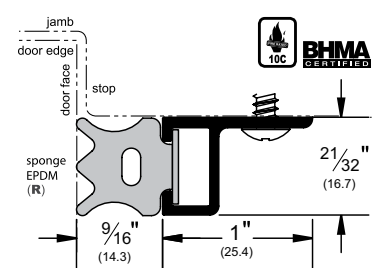
285_PK

AVAILABLE FINISHES:
C, D, G



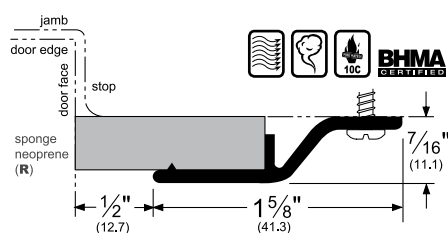
285_R

AVAILABLE FINISHES:
C, D, G



375_R

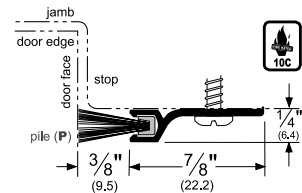
AVAILABLE FINISHES:
B, C, D, G



309_P

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN

Minimum space between the door face and the stop is 3/16\";



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

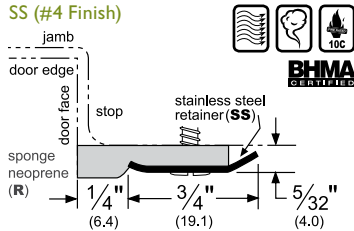
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized) SS (See Individual Part)

Stainless Steel Perimeter Gasketing

- Stainless Steel is a tough and durable material that tolerates exposure to chemicals and heavy use
- Easy to clean to meet sanitary requirements
- Long lasting with low cost of ownership

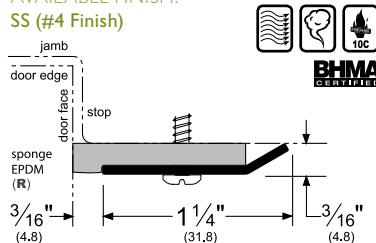
332SSR

AVAILABLE FINISH:
SS (#4 Finish)



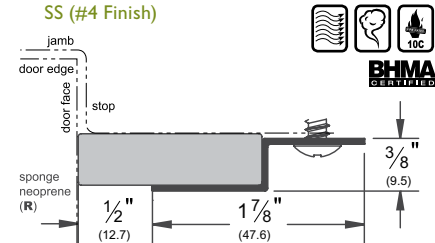
315SSR

AVAILABLE FINISH:
SS (#4 Finish)



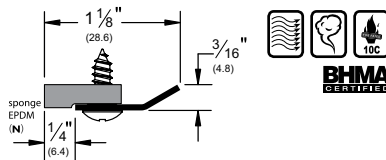
375SSR

AVAILABLE FINISH:
SS (#4 Finish)



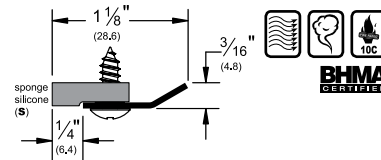
305SSE

AVAILABLE FINISH:
SS (#4 Finish)



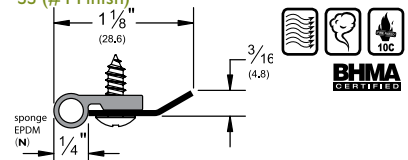
305SSS

AVAILABLE FINISH:
SS (#4 Finish)



319SSN

AVAILABLE FINISH:
SS (#4 Finish)

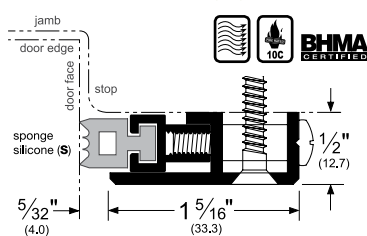


Adjustable Jamb Gasketing

- Adjustable jamb gasketing is shown mounted on openings with 1/16" gaps; however, each weatherstrip can seal gaps up to 1/4"
- Adjustable jamb weatherstrip can adjust 3/16" out from the position illustrated

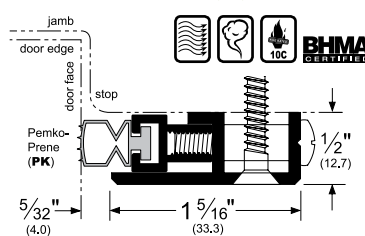
379_S

AVAILABLE FINISHES: C, D, G



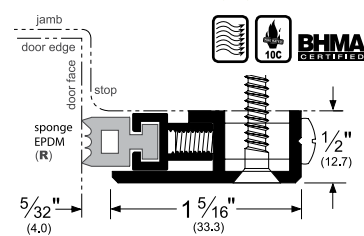
379_PK

AVAILABLE FINISHES: C, D, G



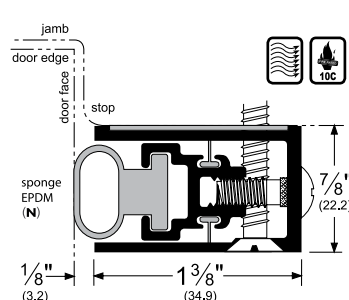
379_R

AVAILABLE FINISHES: C, D, G



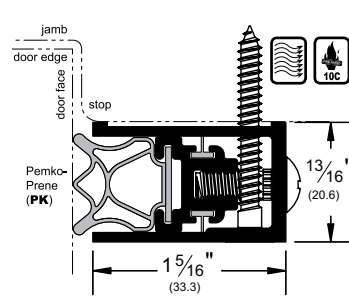
322_SN

AVAILABLE FINISHES: C, D, G



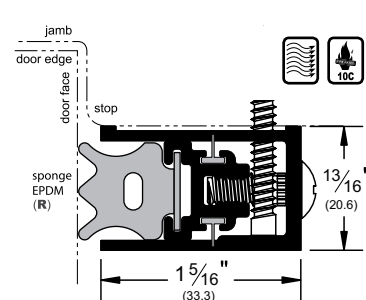
350_SPK

AVAILABLE FINISHES: C, D, G



350_SR

AVAILABLE FINISHES: C, D, G



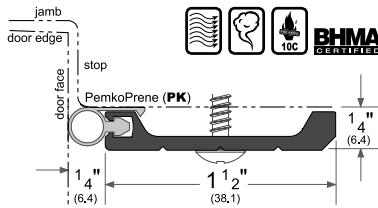
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) SS (See Individual Part)

Heavy Duty Perimeter Gasketing - Standard Jamb

- All gasketing shown below is sold individually

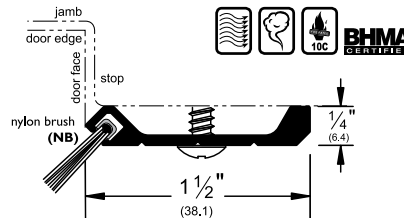
290_PK

AVAILABLE FINISHES: A, D, G



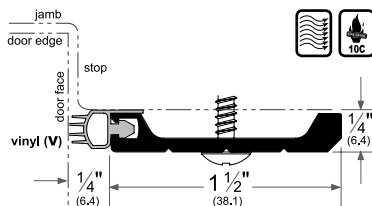
29045_NB

AVAILABLE FINISHES: A, D, G



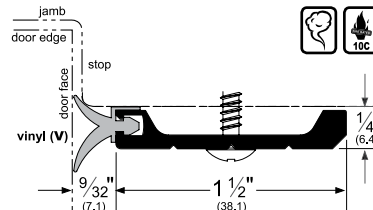
2902_V

AVAILABLE FINISHES: A, D, G



2903_V

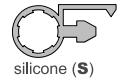
AVAILABLE FINISHES: A, D, G



Alternate Inserts For 290

290_S

AVAILABLE FINISHES:
A, D, G



silicone (S)

290_V

AVAILABLE FINISHES:
A, D, G



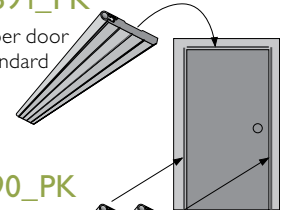
vinyl (V)

Heavy Duty Perimeter Gasketing - Head Section

- For the head section of the frame where a parallel arm closer bracket or other hardware is required. Supplied undrilled (36") or drilled (80" and above) and supplied with sheet metal screws for mounting
- If used as a stop, flat head machine screws can be provided upon request and take a countersunk #10 hole. PEMKO will drill the head member only if drilling instructions for countersink holes are provided
- All gasketing shown below is sold individually

2891_PK

1 per door
standard



290_PK

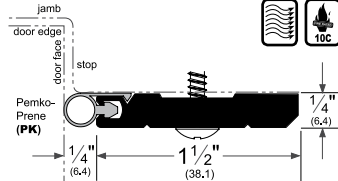
2 per door
standard



When ordering a head section such as 2891_PK, two corresponding side sections (290_PK) should also be ordered for the latch and hinge sides of the frame.

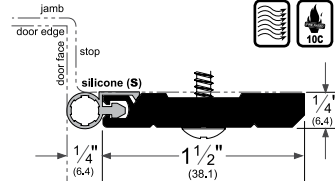
2891_PK

AVAILABLE FINISHES: A, D, G



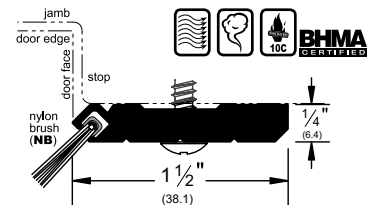
2891_S

AVAILABLE FINISHES: A, D, G



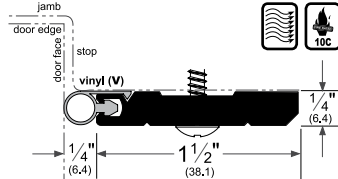
28945_NB

AVAILABLE FINISHES: A, D, G



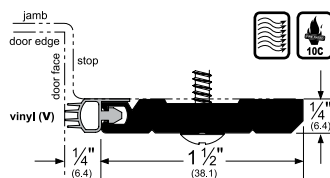
2891_V

AVAILABLE FINISHES: A, D



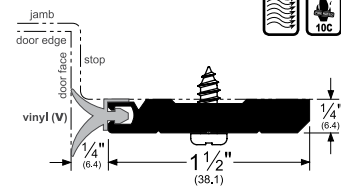
2892_V

AVAILABLE FINISHES: A, D



2893_V

AVAILABLE FINISHES: A, D



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

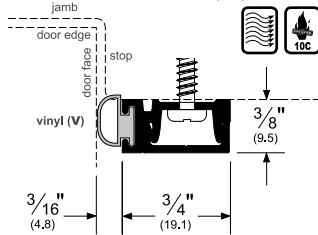
A (Mill Finish Aluminum) D (Dark Bronze Anodized) G (Gold Anodized)
Special finishes available upon request

Snap Cover Perimeter Gasketing With Concealed Fasteners

- Low-profile snap cover conceals mounting screws to provide security and a clean aesthetic appearance
- All clear anodized brush products are supplied with gray brush (black brush available upon request)

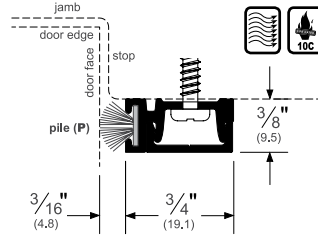
29310_V

AVAILABLE FINISHES: C, D, G



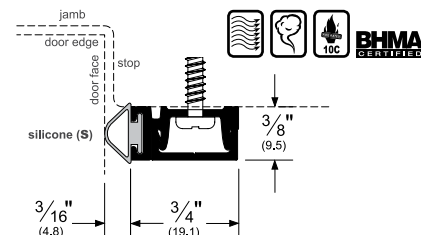
29310_P

AVAILABLE FINISHES: C, D, G



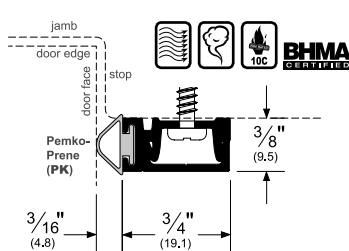
29310_S

AVAILABLE FINISHES: C, D, G



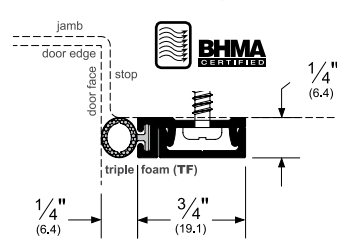
29310_PK

AVAILABLE FINISHES: C, D, G



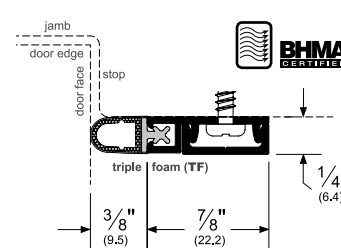
29313_TF

AVAILABLE FINISHES: C, D



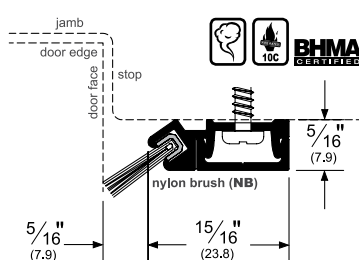
29321_TF

AVAILABLE FINISHES: C, D



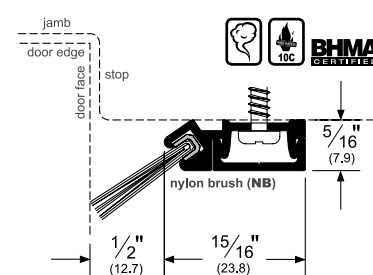
29344_NB

AVAILABLE FINISHES: C, D



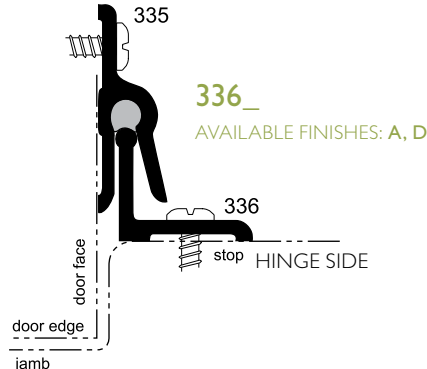
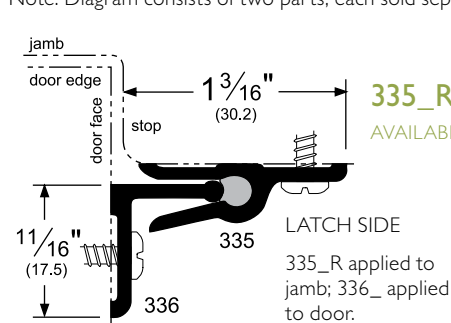
29346_NB

AVAILABLE FINISHES: C, D



Heavy Duty Interlock

Note: Diagram consists of two parts, each sold separately.



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)

Kerf-In Weatherstrip

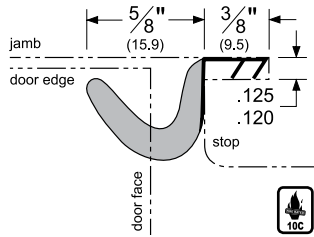
Foam

- PEMKO's "Q" foam kerf-in weatherstrip is constructed from soft cell foam enclosed by an embossed, tear-resistant, low-friction, UV-stable polyethylene cover
- Includes rigid PVC insert with extended flange for fast and easy kerf installation

Q102_

AVAILABLE FINISHES: **BL, D, W**
 AVAILABLE LENGTHS: 36", 85", 97"

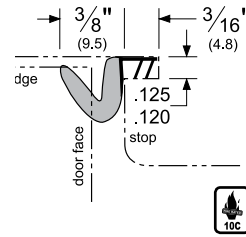
Minimum space between the door face and the stop is $\frac{5}{16}$ "; maximum space is $\frac{1}{2}$ "



Q103_

AVAILABLE FINISHES: **BL, D, W**
 AVAILABLE LENGTHS: 36", 85", 97", 121"

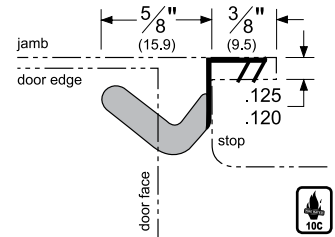
Minimum space between the door face and the stop is $\frac{3}{16}$ "; maximum space is $\frac{5}{16}$ "



Q106_

AVAILABLE FINISHES: **D, W**
 AVAILABLE LENGTHS: 36", 85", 97", 121"

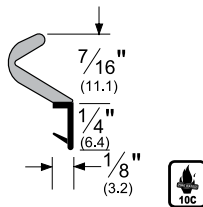
Minimum space between the door face and the stop is $\frac{5}{16}$ "; maximum space is $\frac{1}{2}$ "



Q107_

AVAILABLE FINISHES: **BL, W**

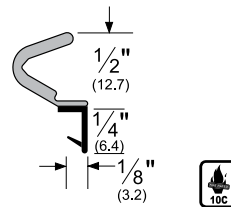
Minimum space between the door face and the stop is $\frac{1}{8}$ "; maximum space is $\frac{7}{16}$ "
 Sold per foot (specify length)



Q108_

AVAILABLE FINISHES: **BL, W**

Minimum space between the door face and the stop is $\frac{1}{8}$ "; maximum space is $\frac{1}{2}$ "
 Sold per foot (specify length)



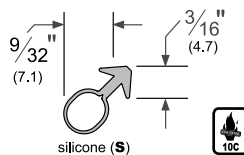
Silicone

- Extruded from platinum cross-linked silicon
- Self-extinguishing and non-toxic
- Unaffected by sunlight, ozone, and ultraviolet rays
- Impervious to fungus and mildew; will not deteriorate under normal exposure

S104_100

AVAILABLE FINISHES: **D, W**

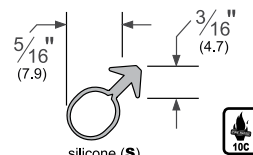
Minimum space between the door face and the stop is $\frac{1}{16}$ "; maximum space is $\frac{1}{4}$ "



S109_100

AVAILABLE FINISHES: **D, W**

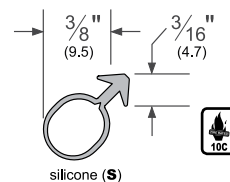
Minimum space between the door face and the stop is $\frac{1}{16}$ "; maximum space is $\frac{5}{16}$ "



S105_100

AVAILABLE FINISHES: **D, W**

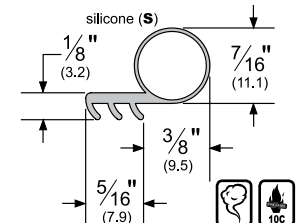
Minimum space between the door face and the stop is $\frac{1}{16}$ "; maximum space is $\frac{3}{8}$ "



S52_100

AVAILABLE FINISHES: **BL, W**
 AVAILABLE LENGTHS: 100'

- Minimum space between the door face and the stop is $\frac{1}{16}$ "; maximum space is $\frac{3}{8}$ "
- Positive Pressure rated up to 3 hours



NOTE: Products shown in this section may not be drawn to scale.

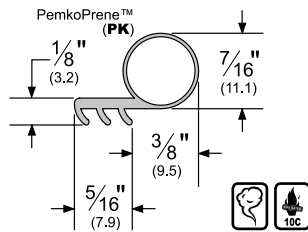
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BL (Black) **D** (Dark Brown) **W** (White)

Kerf-In Weatherstrip (Cont.)

PK52_

AVAILABLE FINISHES: **BL, W**
AVAILABLE LENGTHS: 18', 20', 300'

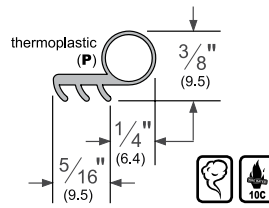
- Minimum space between the door face and the stop is $\frac{1}{16}$ "; maximum space is $\frac{3}{8}$ "
- Positive Pressure rated up to 20 minutes



P50_

AVAILABLE FINISHES: **BL, W**
AVAILABLE LENGTHS: 17', 25', 250'

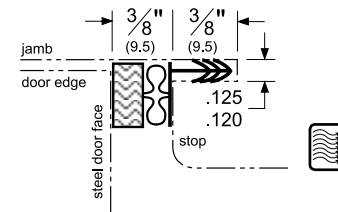
- Minimum space between the door face and the stop is $\frac{1}{16}$ "; maximum space is $\frac{5}{16}$ ". Available in 17' or 25' packaged coils
- Thermoplastic elastomer formulation will not transigrate; remains flexible to -60° F



MAG349_

AVAILABLE FINISHES: **D, W**
AVAILABLE LENGTHS: 37", 85", 96", 121"

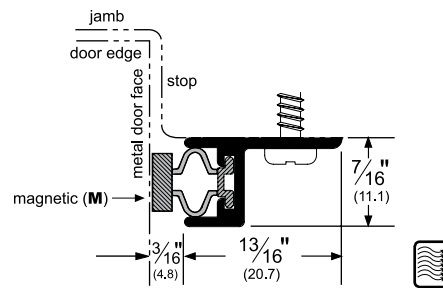
- Minimum space between the door face and the stop is $\frac{3}{8}$ "; maximum space is $\frac{7}{16}$ "
- Magnetic kerf-in weatherstrip features a magnetic strip encased by a UV-stable TPE cover
- Use for steel-faced door and wood frame applications
- Can be trimmed in the field and corner-mitered



Magnetic Gasketing

2815_M

AVAILABLE FINISHES: **C, D, G**



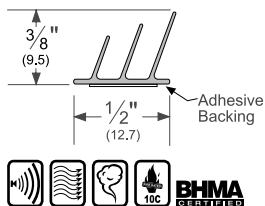
Adhesive Perimeter Gasketing

For more information on these perimeter gasketing products, please see the Adhesive Gasketing section.

S773_

AVAILABLE FINISHES: **BL, D, GR, W**
AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 250'

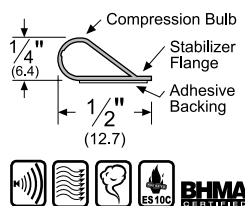
- Triple-fin design effectively blocks light and sound from infiltrating a room
- Product designed as hospitality gasketing (see more hospitality products in the Hospitality Products section)



S88_

AVAILABLE FINISHES: **BL, C, D, GR, TAN, W**
AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510'

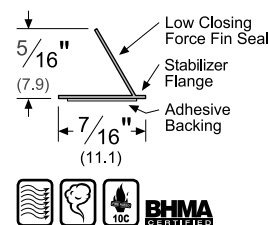
- Seal begins compressing at $\frac{1}{4}$ "; compresses to seal up to a $\frac{1}{16}$ " gap



S44_

AVAILABLE FINISHES: **BL, D, GR, W**
AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

- Designed for tighter frames.
- Demonstrates extremely low closing force.
- Seal begins compressing at $\frac{5}{16}$ "; compresses to seal up to a $\frac{1}{16}$ " gap



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

BL (Black) **C** (Black) **D** (Dark Brown) **W** (White)
Adhesive Corner Pad Colors: blank (Black Pad) **W** (White Pad)
Metal: **C** (Clear Anod) **D** (Dark Brown Anod) **G** (Gold Anod)

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ASSA ABLOY, the global leader
in door opening solutions

Adhesive Perimeter Gasketing (Cont.)

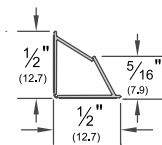
For more information on these perimeter gasketing products, please see the Adhesive Gasketing section.

S44x2

NEW!

AVAILABLE FINISHES: **BL, D, GR, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

- Fits flush into corner
- Seal begins compressing at $\frac{5}{16}$ "; compresses to seal up to a $\frac{1}{4}$ " gap

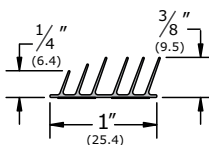


S776

NEW!

AVAILABLE FINISHES: **BL**
 AVAILABLE LENGTHS: 17', 18', 20', 21'

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $\frac{3}{8}$ "; compresses to seal up to a $\frac{1}{4}$ " gap

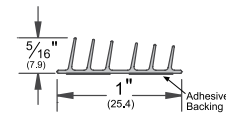


S771x6

NEW!

AVAILABLE FINISH: **BL**
 AVAILABLE LENGTHS: 7', 8', 10', 17', 18', 20', 21', 25'

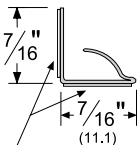
- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $\frac{5}{16}$ "; compresses to seal up to a $\frac{1}{4}$ " gap



PF114PS

AVAILABLE FINISH: **BL**
 AVAILABLE LENGTHS: 36", 48", 72", 86", 96"

- Polypropylene pressure sensitive door gasketing may be reversed to provide wipe-seal rather than compression-seal



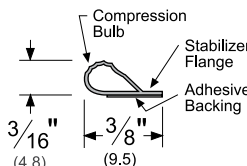
Pressure Sensitive Adhesive



PK33

AVAILABLE FINISHES: **BL, D, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

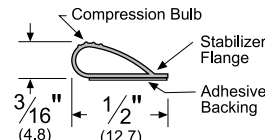
- Designed for tighter frames.
- Demonstrates extremely low closing force.
- Seal begins compressing at $\frac{3}{16}$ "; compresses to seal up to a $\frac{1}{4}$ " gap



PK55

AVAILABLE FINISHES: **BL, D, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

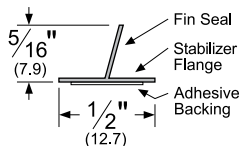
- Designed for tighter frames.
- Demonstrates extremely low closing force.
- Seal begins compressing at $\frac{3}{16}$ "; compresses to seal up to a $\frac{1}{4}$ " gap



S77

AVAILABLE FINISHES: **C, BL, D, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30'

- Designed for hollow metal and wood meeting stile applications.
- Seal begins compressing at $\frac{5}{16}$ "; compresses to seal up to a $\frac{1}{4}$ " gap

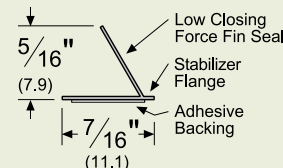


MicroShield® Antimicrobial Gasketing

NEW!

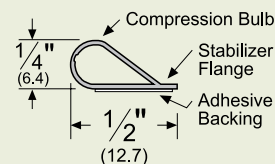
AM44

AVAILABLE FINISHES: **BL, C, D, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'



AM88

AVAILABLE FINISHES: **BL, C, D, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'



NOTES FOR ALL ADHESIVE GASKETING:

Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F. For further notes/details, please see Adhesive Gasketing section.

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
 Adhesive Gasketing Colors: **BL** (Black) **C** (Clear) **D** (Dark Brown) **GR** (Light Gray) **TAN** (Tan) **W** (White)

Interlock Weatherstrip For Wood Doors

- Fasteners available at additional cost

Liner Strip

- Made from .008" spring bronze (B)

Lock Strip

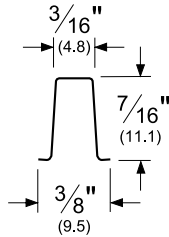
- Made from .008" spring bronze (B)

"L" Metal

- Bronze or zinc-plated wafer head drive screws available for **_41M** (sold separately)

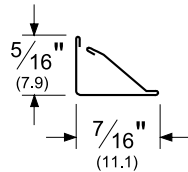
_30

AVAILABLE FINISH: **B**
AVAILABLE LENGTHS: 96"



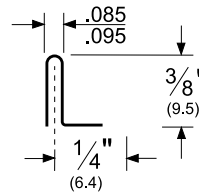
_331

AVAILABLE FINISH: **B**
AVAILABLE LENGTHS: 6", 96"



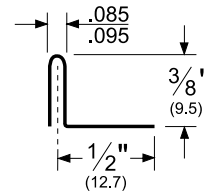
_41M

AVAILABLE FINISHES: **B, Z**
AVAILABLE LENGTHS: 96"



_43

AVAILABLE FINISH: **B**
AVAILABLE LENGTHS: 96"



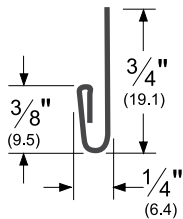
Interlock Weatherstrip For Wood Windows

Flat Hooks

- _10** Flat hooks are made from .026" spring bronze (B) or .0172" galvanized steel (Z)
- _11** Flat hooks are made from .015" spring bronze (B) or .0172" galvanized steel (Z)

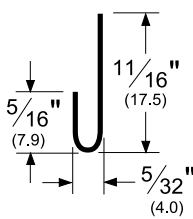
_10

AVAILABLE FINISHES: **B, Z**
AVAILABLE LENGTHS: 96"



_11

AVAILABLE FINISHES: **B, Z**
AVAILABLE LENGTHS: 96"

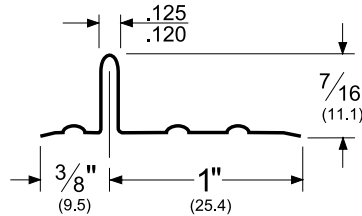


Corrugated Rib Strips

- Corrugated rib strips are made from .015" spring bronze (B) or .0172" galvanized steel (Z)
- _4C** and **_6C** are only available in 96" lengths

_4C (1 3/8" width)

AVAILABLE FINISHES: **B, Z**



_6C (1 7/8" width)

AVAILABLE FINISH: **Z**

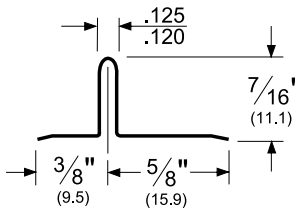
_4C (1 3/8" width) shown above; also available in **_6C** (1 7/8" width) in galvanized steel (Z) only

Plain Rib Strips

- Plain rib strips are made from .015" spring bronze (B) or .0172" galvanized steel (Z)

_2P (1" width)

AVAILABLE FINISHES: **B, Z**



_4P (1 3/8" width)

AVAILABLE FINISHES: **B, Z**

_2P (1" width) shown above; also available in **_4P** (1 3/8" width).
_2P and **_4P** available in 96" lengths only

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Bronze) **Z** (galvanized steel)

Cushion/Spring Weatherstrip for Wood or Metal Doors and Windows

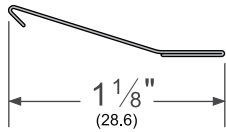
Spring Bronze - Wood Doors/Windows

- Spring bronze weatherstrip fits wood doors and wood casement windows

- Made from .008" hemmed spring bronze/brass (B)
- Nails should be approximately 1½" on center (sold separately)

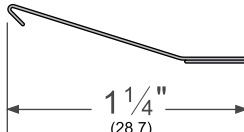
_70C-100

AVAILABLE FINISH: B
 AVAILABLE LENGTHS: 100'



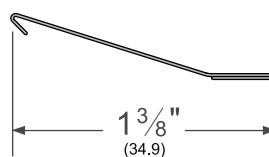
_70D-100

AVAILABLE FINISH: B
 AVAILABLE LENGTHS: 100'



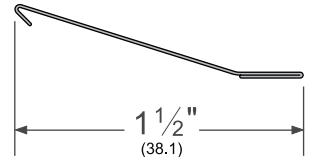
_70E-100

AVAILABLE FINISH: B
 AVAILABLE LENGTHS: 100'



_70F-100

AVAILABLE FINISH: B
 AVAILABLE LENGTHS: 100'



P51B17

P51B17 is 17 feet of _70C
 Packaged with nails

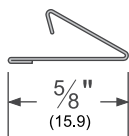
Cushion ("V") - Wood or Metal Doors

- Cushion weatherstrip fits wood or metal doors
- Made from .008" hemmed spring bronze/brass (B)

- Nails should be approximately 3" on center (sold separately)

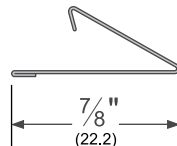
_73

AVAILABLE FINISH: B
 AVAILABLE LENGTHS: 96"



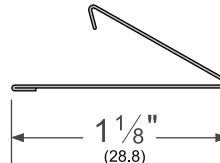
_74

AVAILABLE FINISH: B
 AVAILABLE LENGTHS: 96"



_75

AVAILABLE FINISH: B
 AVAILABLE LENGTHS: 96"

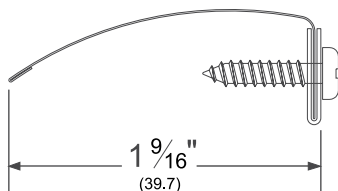


Spring Bronze - Metal Doors

- Spring bronze for metal doors may also be used as a meeting stile
- Made from .08" hemmed spring bronze/brass (B)
- .015" brass (B) retainer

_71

AVAILABLE FINISHES: B
 AVAILABLE LENGTHS: 96"



Fasteners for Cushion, Spring and Interlock Weatherstrip

- Fasteners for cushion, spring, and interlock weatherstrip are sold separately unless otherwise specified

NL1678_

AVAILABLE FINISHES: BL, BP, Z
 For Wood: #16 x 7/8" flat head nail



NL1634_

AVAILABLE FINISHES: BB, SS
 For Wood: #16 x 3/4" flat head nail



NL13516_

AVAILABLE FINISHES: BP, Z
 For Metal: #13 x 5/16" wafer head drive screw



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
 B (Bronze) BB (Solid Brass) BL (Black) BP (Brass Plate) SS (Stainless Steel) Z (Zinc)



ADHESIVE GASKETING

CONTENTS:

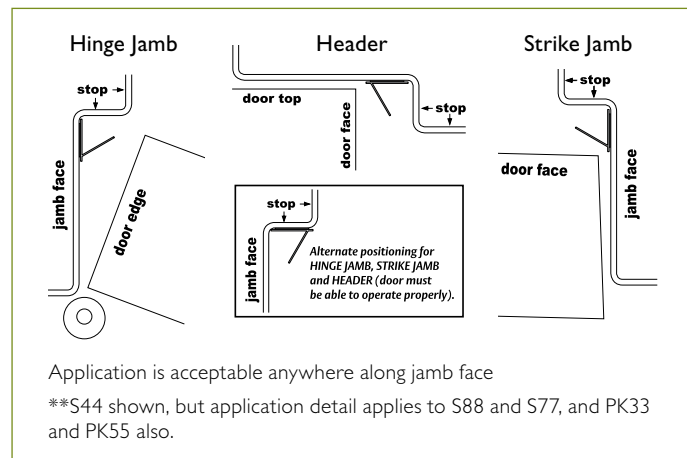
SiliconSeal Adhesive-Backed Fire/Smoke Gasketing.....	AG-2-AG-3
PemkoPrene Adhesive-Backed Fire/Smoke Gasketing.....	AG-3
MicroShield® Antimicrobial Gasketing.....	AG-4
Hot Smoke Seal/SiliconSeal Combination Fire/Smoke Sealing.....	AG-4

INDEX:

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AM88.....	AG-4	PK55.....	AG-2	S771x6.....	AG-3
HSS1000.....	AG-4	S44.....	AG-2	S772.....	AG-3
HSS2000.....	AG-4	S44x2.....	AG-2	S773.....	AG-3
HSS2000xS44.....	AG-4	S77.....	AG-2	S776.....	AG-3
HSS2000xS88.....	AG-4	S88.....	AG-2		

SiliconSeal Adhesive-Backed Fire/Smoke Gasketing

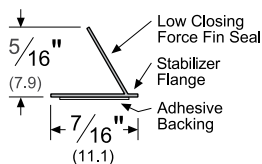
- SiliconSeal is extruded from high-temperature silicone; effective between -58°F and 450°F
- Self-extinguishing and non-toxic; unaffected by sunlight, ozone, and ultraviolet rays
- Impervious to fungus and mildew; will not deteriorate under normal exposure
- Meets **FAR 25.853** Airworthiness Standards for Compartment Interiors



S44_

AVAILABLE FINISHES: **BL, C, D, GR, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

- Designed for tighter frames
- Demonstrates extremely low closing force
- Seal begins compressing at $\frac{5}{16}$ "; compresses to seal up to a $\frac{1}{16}$ " gap

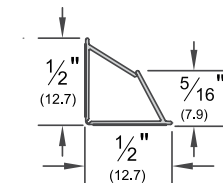


S44x2_

NEW!

AVAILABLE FINISHES: **BL, D, GR, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

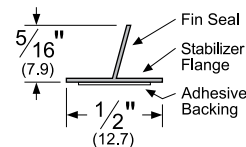
- Fits flush into corner
- Seal begins compressing at $\frac{5}{16}$ "; compresses to seal up to a $\frac{1}{16}$ " gap in either direction



S77_

AVAILABLE FINISHES: **BL, C, D, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30'

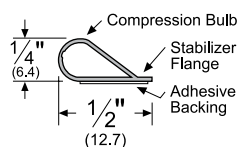
- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $\frac{5}{16}$ "; compresses to seal up to a $\frac{1}{16}$ " gap



S88_

AVAILABLE FINISHES: **BL, C, D, GR, TAN, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510'

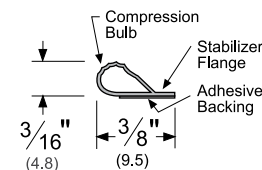
- Seal begins compressing at $\frac{1}{4}$ "; compresses to seal up to a $\frac{1}{16}$ " gap



PK33_

AVAILABLE FINISHES: **BL, D, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

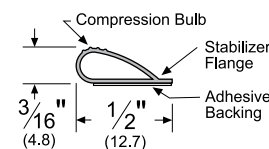
- Designed for tighter frames
- Demonstrates extremely low closing force
- Seal begins compressing at $\frac{3}{16}$ "; compresses to seal up to a $\frac{1}{16}$ " gap



PK55_

AVAILABLE FINISHES: **BL, D, W**
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

- Designed for tighter frames
- Demonstrates extremely low closing force
- Seal begins compressing at $\frac{3}{16}$ "; compresses to seal up to a $\frac{1}{16}$ " gap



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BL (Black) **C** (Clear) **D** (Dark Brown) **GR** (Light Gray) **TAN** (Tan) **W** (White)

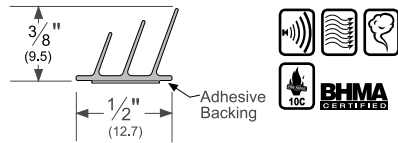
SiliconSeal Adhesive-Backed Fire/Smoke Gasketing (Cont.)

S773_

AVAILABLE FINISHES: **BL, D, GR, W**

AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 250'

- Triple-fin design effectively blocks light and sound from infiltrating a room



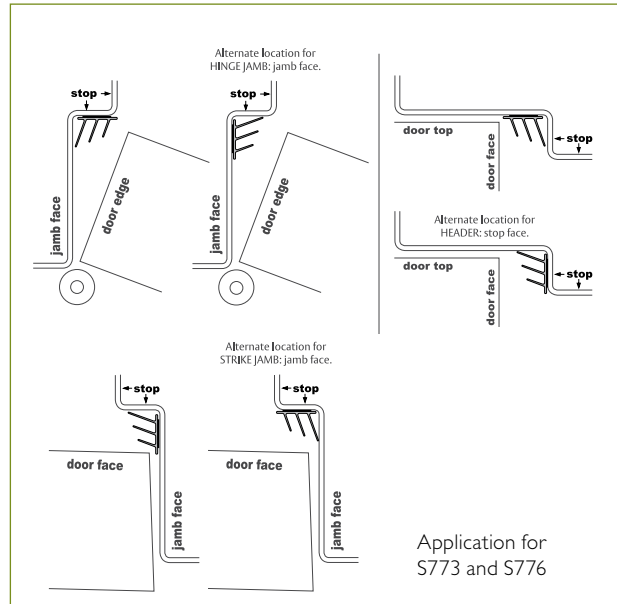
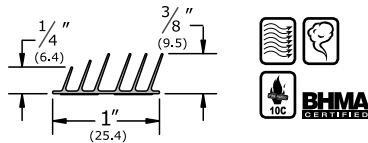
S776_

AVAILABLE FINISHES: **BL**

AVAILABLE LENGTHS: 17', 18', 20', 21'

NEW!

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $\frac{3}{8}$ " ; compresses to seal up to a $\frac{1}{16}$ " gap



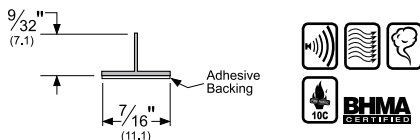
PemkoPrene Adhesive-Backed Fire/Smoke Gasketing

- Excellent resistance to compression set, particularly at elevated temperatures and for extended periods of time
- Outstanding ozone resistance rating
- Smoke tested in accordance with **UL1784-01**; meets the requirements of **NFPA 105** "Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives"

S771_

AVAILABLE FINISHES: **BL, C, D, GR, W**

AVAILABLE LENGTHS: 7', 8', 9', 10'



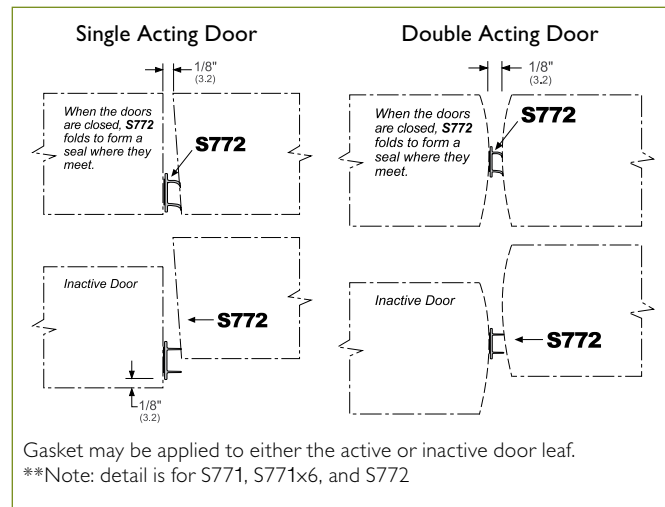
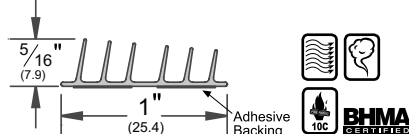
S771x6_

NEW!

AVAILABLE FINISHES: **BL, C**

AVAILABLE LENGTHS: 7, 8, 10, 17, 18, 20, 21, 25

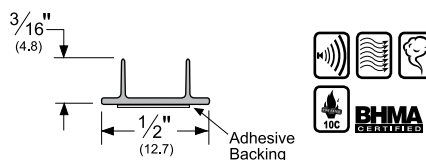
- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $\frac{5}{16}$ " ; compresses to seal up to a $\frac{1}{16}$ " gap



S772_

AVAILABLE FINISHES: **BL, C, D, GR, W**

AVAILABLE LENGTHS: 7', 8', 10'



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BL (Black) **C** (Clear) **D** (Dark Brown) **GR** (Light Gray) **W** (White)

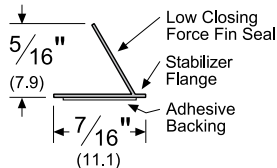
MicroShield® Antimicrobial Gasketing:

NEW!

- Extruded from high-temperature silicone with MicroShield®, a silver-based antimicrobial additive
- Effective between -58°F and 450°F
- Adhesive Backed
- Self-extinguishing and non-toxic
- Unaffected by sunlight, ozone and ultraviolet rays
- Exceeds the requirements for Antimicrobial Test JIS-Z-2801

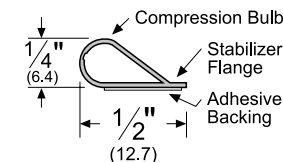
AM44_

AVAILABLE FINISHES: BL, C, D, W
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'



AM88_

AVAILABLE FINISHES: BL, C, D, W
 AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'



MicroShield®
 As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silver-based antimicrobial additive designed to inhibit the growth of bacteria.

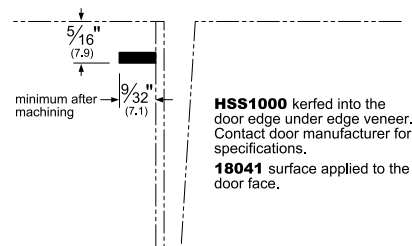
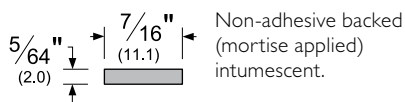
MicroShield® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.

Hot Smoke Seal/SiliconSeal Combination Fire/Smoke Sealing

- Chemically inert, highly stable, expandable graphite strip
- Tested and proven in positive pressure conditions to withstand both hot smoke and hot gasses, resulting in longer integrity of the door assembly
- More economical to use than specially modified doors in "tested assembly only" classifications
- Hot Smoke Seal can be painted to blend in with the finish of a frame
- Will not degrade from carbon dioxide and ozone like many competitive intumescences from other manufacturers
- Unaffected by moisture and will not break down like fiber-based or cellulose-based products

HSS1000_

AVAILABLE FINISHES: Graphite (no finish code), W
 AVAILABLE LENGTHS: 7', 8', 10', 18', 21', 24'



HSS1000 kerfed into the door edge under edge veneer. Contact door manufacturer for specifications.
18041 surface applied to the door face.

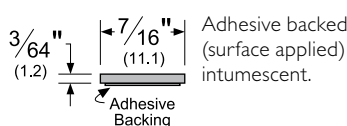
Notes For All Adhesive Gasketing:

Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F.

Before installing: Thoroughly clean the frame to remove grease, dust or cleanser build-up (cleansing towelettes are included with product). Painted frame surface must be completely dry. Some hospital environments have wax or anti-bacterial cleanser build-up. As an alternative or substitute cleanser, use isopropyl (rubbing) alcohol. Note: Mineral spirits or other petroleum based cleaning products should NOT be used.

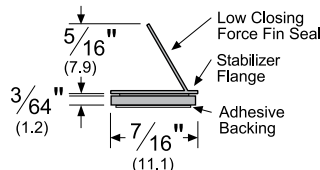
HSS2000_

AVAILABLE FINISHES: Graphite (no finish code), W
 AVAILABLE LENGTHS: 7', 8', 10', 18', 21', 24'



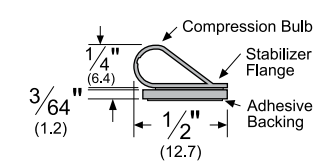
HSS2000xS44_

AVAILABLE FINISHES: BL, C, D, GR, W
 AVAILABLE LENGTHS: 18', 20', 21', 24'
 20' lengths can be supplied in 4-0 x 8-0 or 6-0 x 7-0. Specify when ordering



HSS2000xS88_

AVAILABLE FINISHES: BL, C, D, GR, TAN, W
 AVAILABLE LENGTHS: 18', 20', 21', 24'
 20' lengths can be supplied in 4-0 x 8-0 or 6-0 x 7-0. Specify when ordering



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
 BL (Black) C (Clear) D (Dark Brown) GR (Light Gray) TAN (Tan) W (White)

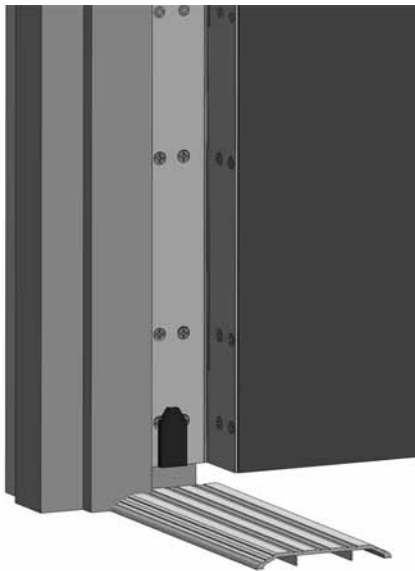
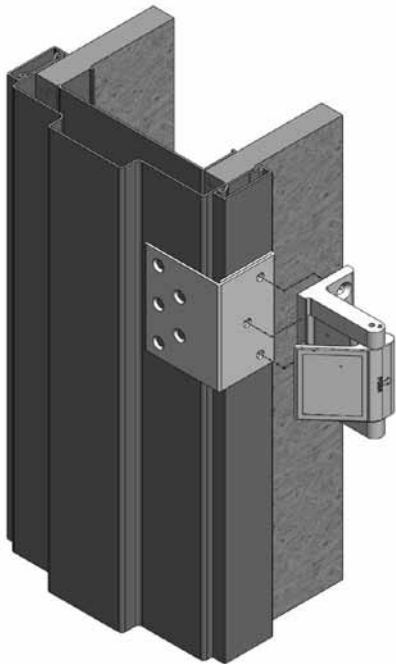
SPECIALIZED PRODUCTS

CONTENTS:

Privacy Door Latch.....	SP-2
Privacy Door Latch Bracket.....	SP-2
Privacy Door Latch Decals.....	SP-3
Acoustic Adhesive Corner Pads.....	SP-3
Heavy Duty Door Bumper	SP-3
Power Transfers.....	SP-4

INDEX:

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
ACP112	SP-3	EL-EPT-SC	SP-4	PDLBRKT	SP-2
E199	SP-3	EL-EPTL	SP-4	PDL-D1	SP-3
EL-CEPT	SP-4	I96	SP-3	PDL-D2	SP-3
EL-EPT	SP-4	PDL	SP-2		



Privacy Door Latch

- Easy to install, simple to operate
- ADA Compliant

- Enhances room privacy
- UL classified as a fire door accessory

PDL_

AVAILABLE COLORS:

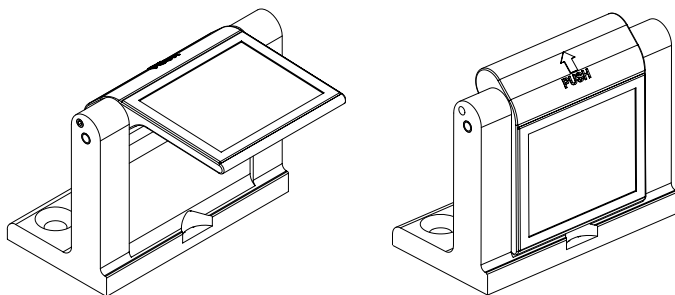
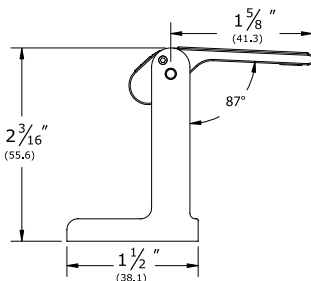
US26 Bright Chrome

US26D/15 Dull Chrome/Satin Nickel

US3 Bright Brass

US4 Dull Brass

US10B Dark Bronze



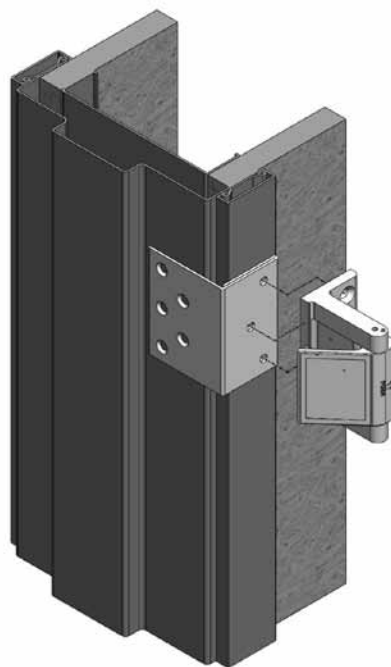
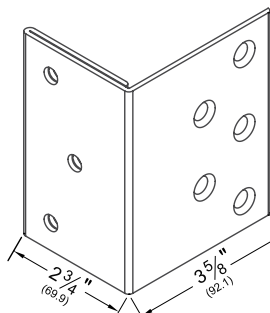
Privacy Door Latch Bracket

- Designed for Timely or Redi-Frame frames with snap on trim
- Bracket allows PDL to be installed in the correct position for proper operation

PDLBRKT_

AVAILABLE COLORS:

Off White



Privacy Door Latch Decals

- Used to cover holes left on door and frame from old style door latch. Per NFPA80 holes must first be filled with like material in order to maintain the fire opening rating
- Made from stable, mar-resistant plastic
- Sub-surface screen printing so verbiage will not be affected by gentle cleaning/dusting

PDL-D1



PDL-D2

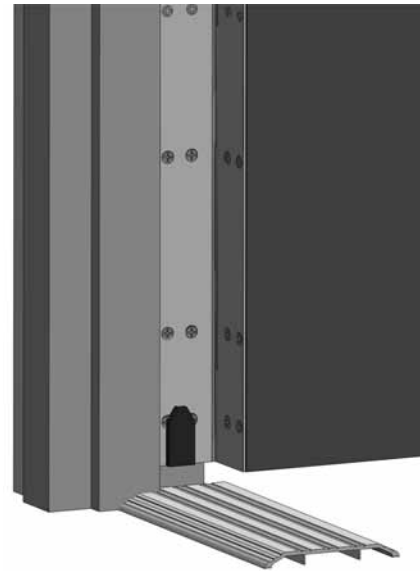
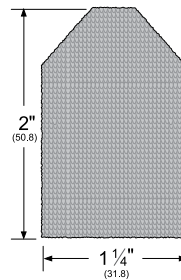


Acoustic Adhesive Corner Pads

- Corner pad with black or white polypropylene pile, with pressure-sensitive adhesive
- Apply to corner of jamb on hinge side to seal against air and light infiltration

ACP112_

AVAILABLE COLORS:
BL, W



Heavy Duty Door Bumper

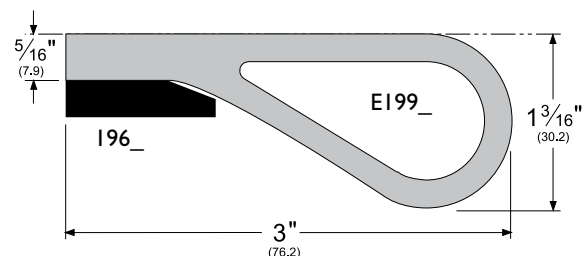
- Heavy duty door bumper extruded from black EPDM (E)
- Order 196_ separately (see page CT-24); furnished undrilled unless requested otherwise

E199_



196_

AVAILABLE COLORS: A



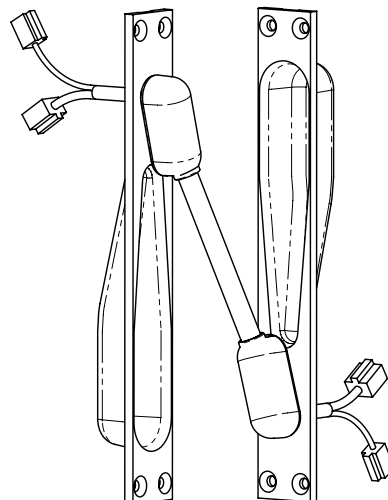
Power Transfers

- These Securitron electronic power transfer units fit into doors and frames to transfer power from your power supply to the door-mounted electronic device
- Contact your hinge manufacturer for cutout availability

EL-CEPT

AVAILABLE COLORS:
US32D, US10B

- Mortises into the edges of the door and frame
- Tamper-resistant; no exposed openings
- All metal construction, including backboxes
- $\frac{7}{8}$ " knockouts on back boxes to accommodate EMF-type fitting
- 12-wire configuration with ElectroLynx compatible connectors
- Tested to 1,000,000 cycles
- Will not work on center-hung or balanced doors
- Works with most continuous hinges, up to 6" wide
- UL10B and UL10C listed



EL-EPT

AVAILABLE COLORS:
US2C

- Installs in the door and frame edges
- Flexible steel shield protects wires— $\frac{3}{8}$ " (9.5mm) I.D.
- New universal device; works with most butt and continuous hinges up to 105-degrees of opening
- Not for use with center pivot doors or with pivot hinges with offset greater than $\frac{3}{4}$ "
- UL634, UL10B, UL10C Listed
- ANSI A250.13-2003—Windstorm Resistant



EL-EPTL

AVAILABLE COLORS:
US2C

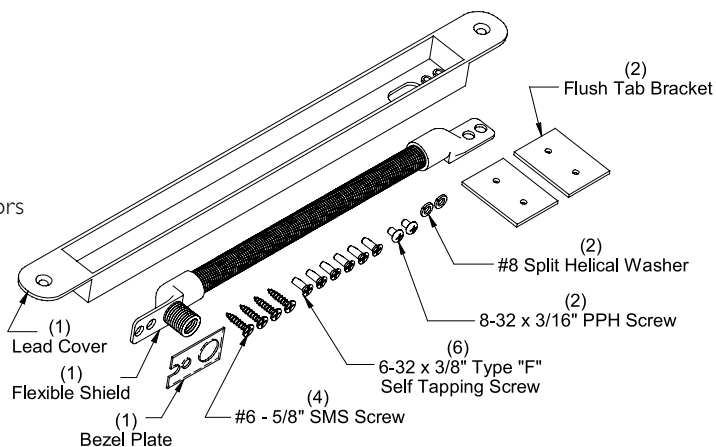
- Installs in the door and frame edges
- Flexible steel shield protects wires— $\frac{3}{8}$ " (9.5mm) I.D.
- New universal device; works with most butt and continuous hinges up to 180-degrees of opening
- Not for use with center pivot doors or with pivot hinges with offset greater than $\frac{3}{4}$ "
- UL634, UL10B, UL10C Listed
- ANSI A250.13-2003—Windstorm Resistant



EL-EPT-SC

AVAILABLE COLORS:
US2C

- Installs in the door and frame edges
- Flexible steel shield protects wires— $\frac{3}{8}$ " (9.5mm) I.D.
- New universal device; works with most butt and continuous hinges
- Functions on off-set pivot and swing clear hinged doors
- UL634, UL10B, UL10C Listed
- ANSI A250.13-2003—Windstorm Resistant



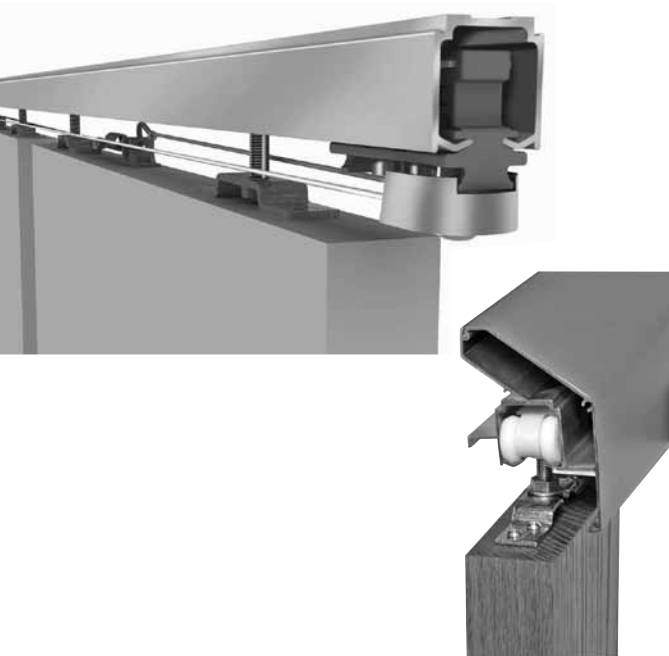
SLIDING & FOLDING HARDWARE

Sliding & Folding Hardware allows space previously required for swing clearance can now be better utilized for decor or to give a more open feel.

PEMKO is the North American distributor for sliding and folding door hardware manufactured by P.C. Henderson. PEMKO has created hardware solution kits with all the components needed to complete a project, except for the actual door. The warranty on P.C. Henderson products is 2 years.

PEMKO also provides several solution kits of its own including the Pocket Frame Kit, Side Wall Track System, and Bypass Track System. The warranty on PEMKO manufactured products is 5 years.

Select your solution kit based on the door weight, size, mounting (overhead or side wall), sliding or folding, and any special characteristics of the particular opening such as the need for a low profile system. Kits are offered for doors weighing 180 lbs up to 1100 lbs.



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Pocket Frame Kit	SF-21
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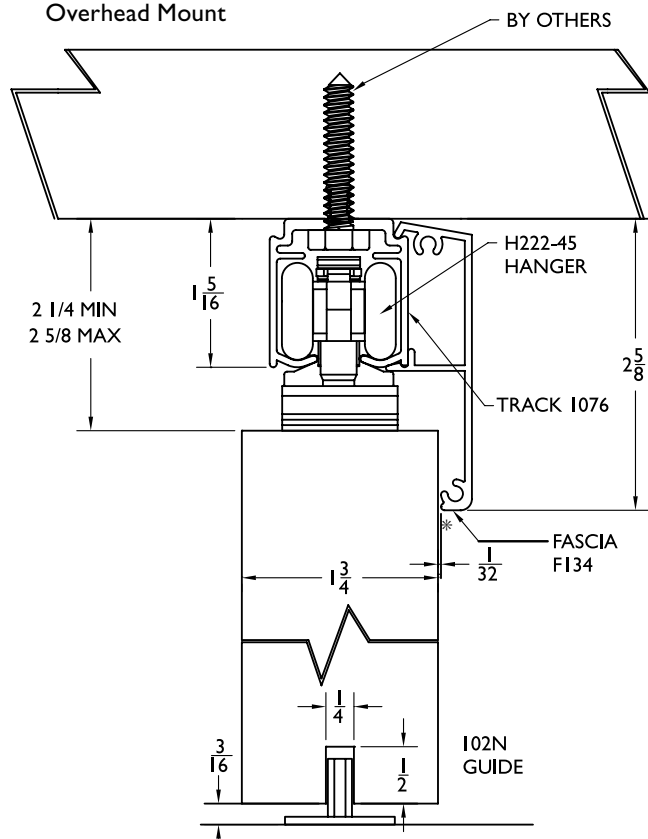
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						K28 _SWEP	SF-5	SIRRH	SF-9

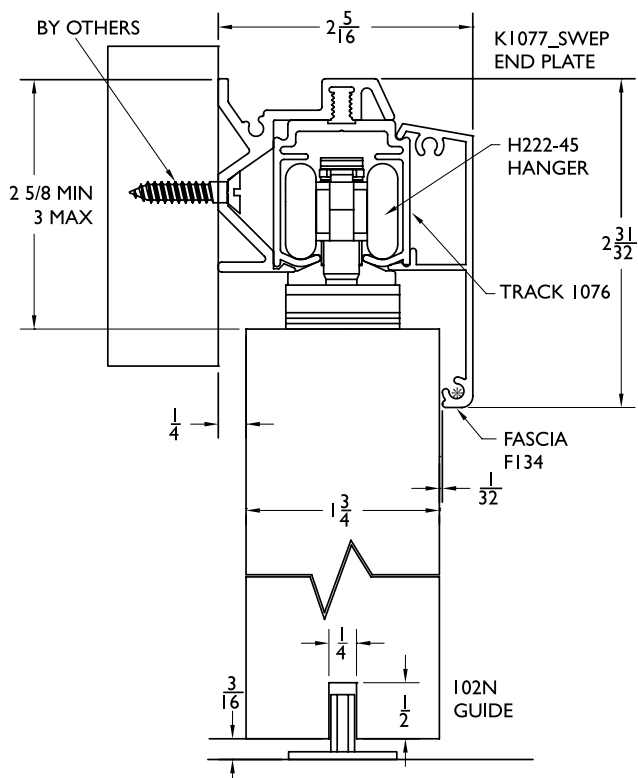
H180A Series

For Sliding Panels up to 180 lbs.
Manufactured by PEMKO

Overhead Mount



Side Wall Mount



Configurations: Installations:

- Single
- Bi-parting
- Overhead Mount
- Side Wall Mount

Features:

- Hanger body is made of nickel plated zinc alloy for durability and long life
- Zinc alloy ball bearing wheels coated in nylon for smooth operation
- 180 lb. panel capacity
- Optional side wall bracket reduces the amount of wall space needed to mount the track

H180A Kits Include:

- 1 ea 1076A Mill Finished Aluminum Track
- 2 ea H222-45 Hanger - Nickel Plated Zinc Alloy Body
Zinc Alloy Wheels Coated in Nylon
- ea 287HD Rubber Bumper In-Track Stop
- 1 ea 102N White Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H180A/6	Aluminum	72"	36"
H180A/8	Aluminum	96"	48"
H180A/10	Aluminum	120"	60"
H180A/12	Aluminum	144"	72"

Options: See page SF-25

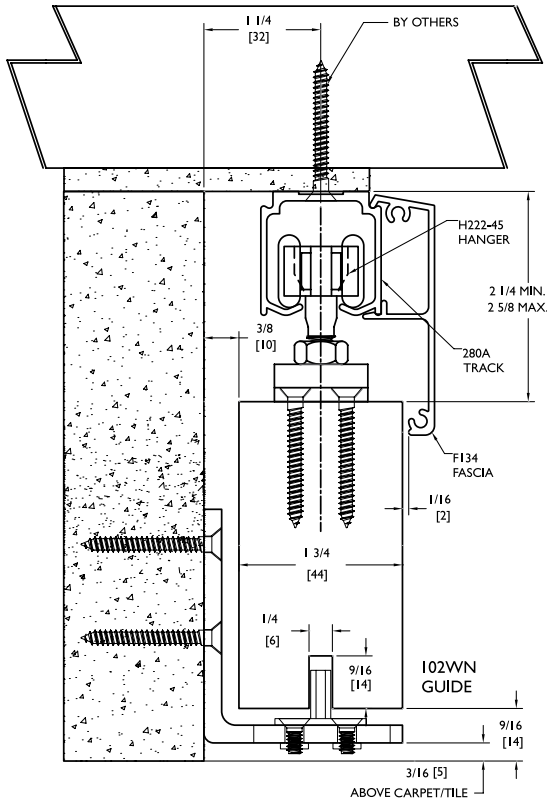
- Fascia **F134C**
- Side Wall Track Bracket **1075C** Clear anodized aluminum bracket- order same length as track
- End Plate Kit **K1077C-SWEP** (Use with F134C Fascia and 1075C Side Wall Bracket only)
- Bottom Channel **94A**
- Roller Guide **106R/94**
- Threshold **971A**
- Side Wall Mount Mortise Guides **102WN** (nylon) and **102WA** (steel)

* When using fascia, offset hanger foot 1/8" closer to fascia face of the door.

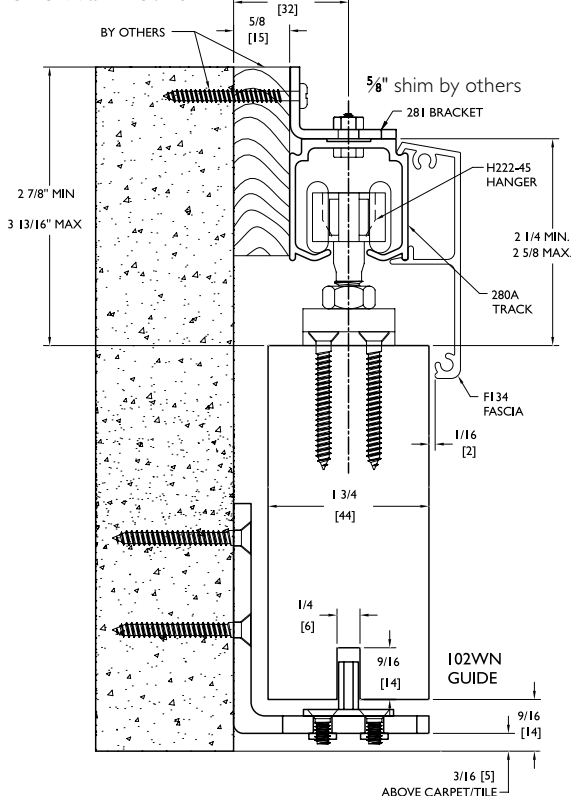
SHS80 Series

For Sliding Panels up to 180 lbs.
Manufactured by PEMKO

Overhead Mount



Side Wall Mount



Configurations: Installations:

- Single
- Bi-parting
- Overhead Mount
- Side Wall Mount

Features:

- Hanger body is made of nickel plated zinc alloy for durability and long life
- Zinc alloy ball bearing wheels coated in nylon for smooth operation
- 180 lb. panel capacity

SHS80 Kits Include:

- 1 ea **280A** Mill Finished Aluminum Track
- 2 ea **H222-45** Hanger - Nickel Plated Zinc Alloy Body
- 2 ea **601H** Nylon In-Track Clip Stop
- 1 ea **102WN** White Nylon Mortise Guide on Zinc Plated Steel "L" Metal

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
SHS80/6	Aluminum	72"	36"
SHS80/8	Aluminum	96"	48"

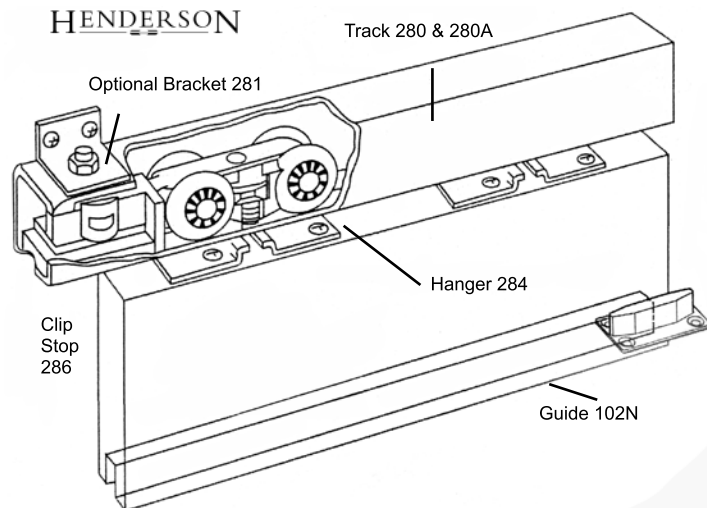
Options: See page SF-25

- Fascia **F134C**
- Side Wall Track Brackets **281** available as 5 pack only, 2815
Note: Need one at each end and no more than 3 feet in between.
Fasteners included
- Bottom Channel **94A**
- Roller Guide **106R/94**
- Threshold **971A**
- Side Wall Mount **102WA**
- Mortise Guides **102N**
- Mortise Floor Guide **102N**

Sliding 200 Series

For Sliding Panels up to 200 lbs.
 Manufactured by P.C. Henderson

HENDERSON



Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H200A/4	Aluminum	48"	24"
H200A/5/4	Aluminum	64"	32"
H200A/6	Aluminum	72"	36"
H200A/7	Aluminum	84"	42"
H200A/8	Aluminum	96"	48"
H200A/10	Aluminum	120"	60"
H200A/12	Aluminum	144"	72"
H200/6	Steel	72"	36"
H200/8	Steel	96"	48"

Configurations: Installations:

- Single
- Bi-parting
- Overhead Mount
- Side Wall Mount
- Face/Face Fixed Mount with Fascia

Features:

- Needle bearing hangers for smooth operation
- 200 lb. panel capacity
- Galvanized steel track 280
- Aluminum track 280A

H200A Kits Include:

- 1 ea 280A Aluminum Track
- 2 ea 284 Hangers
- 1 ea 102N Nylon Guide
- 2 ea 286 Stops
- 1 ea Adjusting Wrench and Mounting Hardware

H200 Kits Include:

- 1 ea 280 Steel Track
- 2 ea 284 Hangers
- 1 ea 102N Nylon Guide
- 2 ea 286 Stops
- 1 ea Adjusting Wrench and Mounting Hardware

Options: See page SF-25

Hardware Kit
 Mounting Bracket

Track Stop (bumper)
 Bottom Channel
 Fascia, Snap-On
 Roller Guide
 Side Wall Mortise Guide
 Threshold
 End Plate

H100/200 PACK

281 available as 5 pack only, 2815
 Note: Need one at each end and no more than 3 feet in between.
 Fasteners included

287HD

94A

F134C in clear anodized (280A only)

106R/94

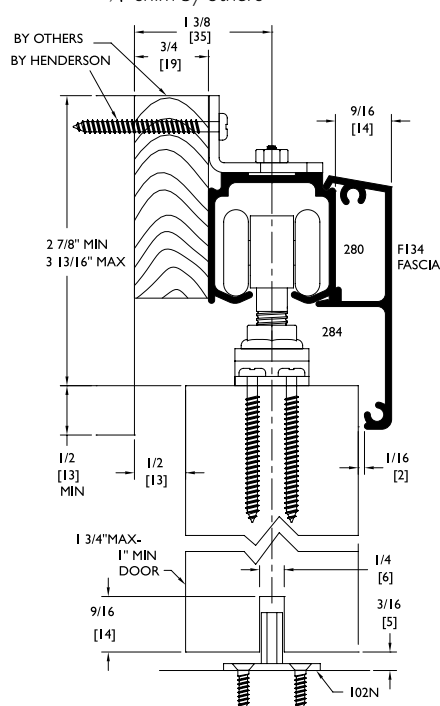
102WA (steel) and 102WN (nylon)

971A

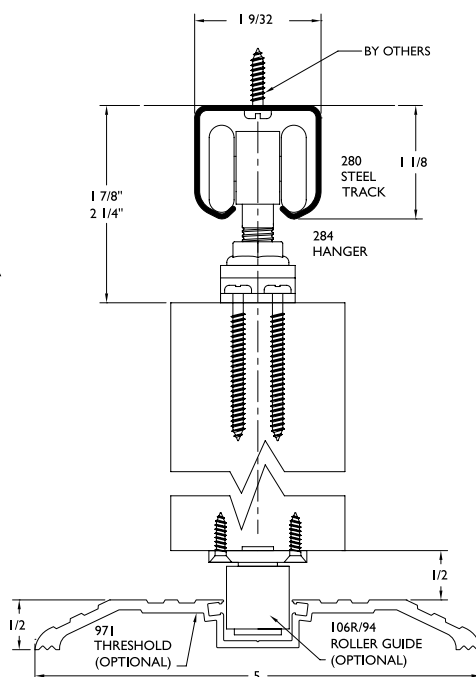
K134EP (Use with F134C and 280A only)

280A Side Wall Mounted

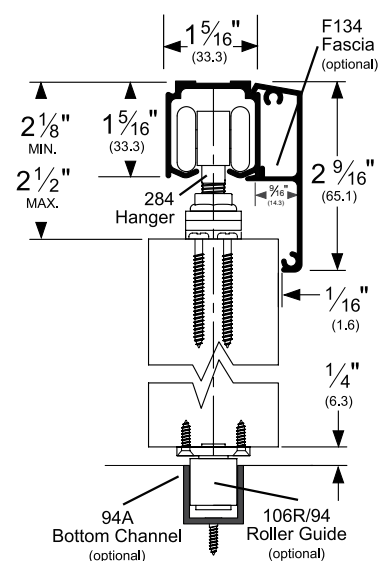
3/4" shim by others



280 Overhead Mounted



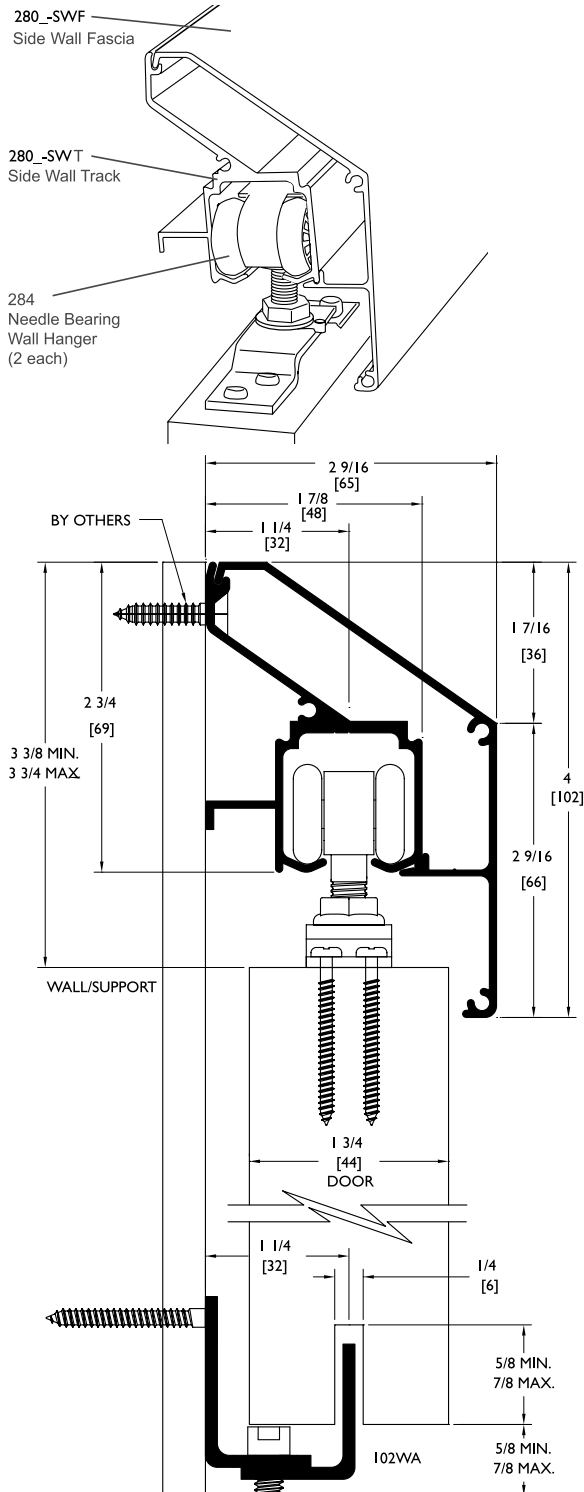
280A Soffit Mounted with Fascia



Side Wall Track (SWT) System

Manufactured by PEMKO

The PEMKO Side Wall Track System has a unique mounting bracket that is extruded with the track. An innovative wall mounted bottom guide assembly allows carpet to be replaced without removing the door.



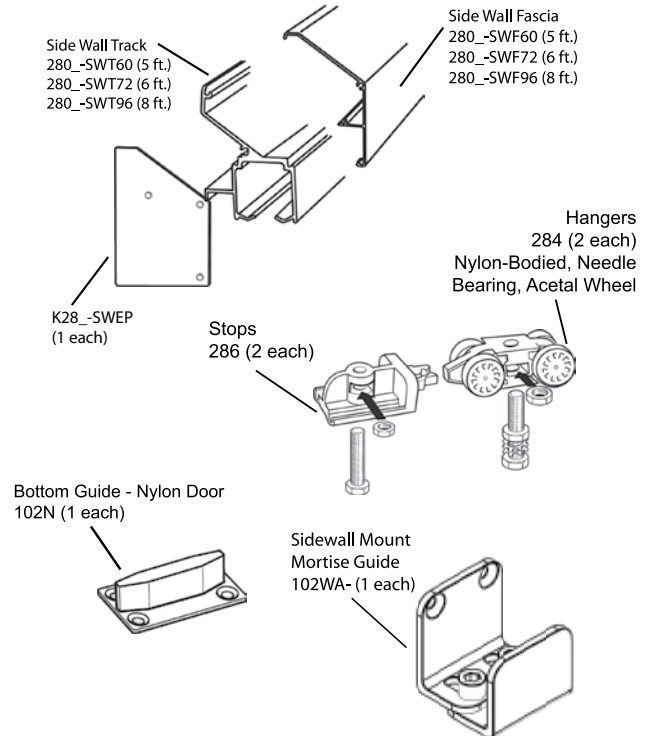
Configurations:

- Single
- Bi-parting

Features:

- Unique mounting bracket extruded into track
- Supports up to 200 lbs per door
- Quick, easy attachment
- No additional shims needed
- New construction or retrofit

280SWT Kits Include:



Standard Kit Sizes

Part Number	Track Length	Door Width
(Mill Finish Track/Clear Anodized Fascia/End Plates)		
280C-SWTKIT/5	60"	30"
280C-SWTKIT/6	72"	36"
280C-SWTKIT/8	96"	48"
280C-SWTKIT/12*	144"	2 @ 36"
(Dark Bronze Anodized Track/Fascia/End Plates)		
280D-SWTKIT/5	60"	30"
280D-SWTKIT/6	72"	36"
280D-SWTKIT/8	96"	48"
280D-SWTKIT/12*	144"	2 @ 36"

*NOTE: 280_-SWTKIT/12 comes with enough hardware for two doors.

Options: See page SF-25

Hardware Kit (one door)	H100/200 pack
Roller Guide	106R/94
Bottom Channel	94A
Nylon Mortise Guide	102WN

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) C (Anodized Aluminum) D (Dark Bronze Anodized)

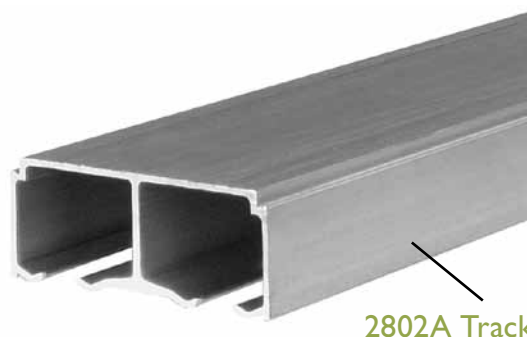
Bypass Track Series

For Bypass Panels up to 200 lbs.
Manufactured by PEMKO

- Fits $1\frac{3}{8}$ " and $1\frac{3}{4}$ " doors
- Needle-bearing wheels for ultra smooth performance
- Load capacity 200 lbs. per door panel (2 hangers)
- Extruded aluminum track

HBP200A Kits Include:

- 1 ea **2802A** Mill Finished Aluminum Track
- 4 ea **284** White Hangers
- 2 ea **102N** White Nylon Mortise Guide
- 4 ea **286** Stops
- 1 ea Adjusting Wrench and Mounting Hardware



2802A Track

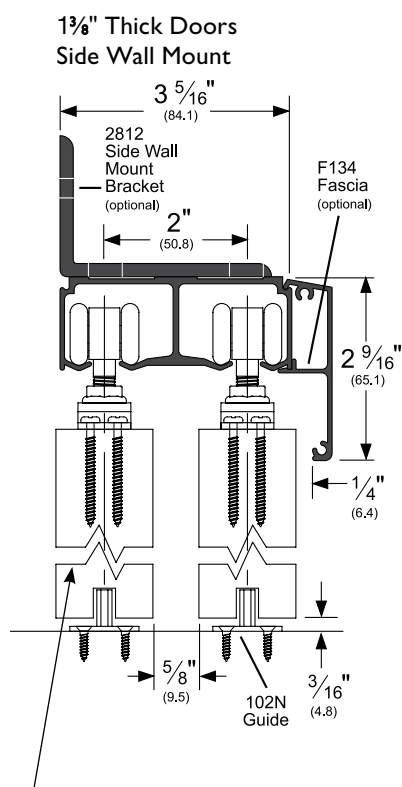


2812

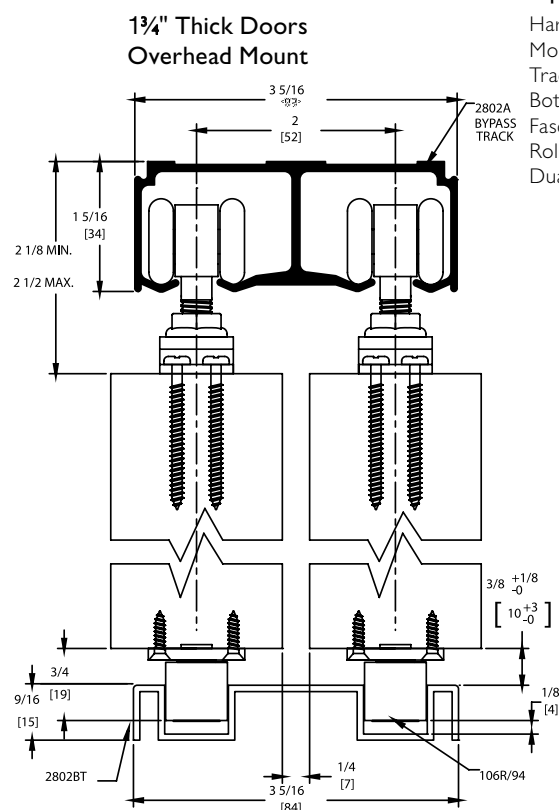
Mounting Brackets*
(Fasteners not included)

* Side Wall mounting: use one
(1) 2812 Kit per 3 ft. of track.

Standard Kit Sizes		
Part Number	Track Length	Door Width
HBP200A/4	48"	2 @ 24"
HBP200A/5'4	64"	2 @ 32"
HBP200A/6	72"	2 @ 36"
HBP200A/7	84"	2 @ 42"
HBP200A/8	96"	2 @ 48"
HBP200A/10	120"	2 @ 60"
HBP200A/12	144"	2 @ 72"



NOTE: Route door $\frac{9}{16}$ " deep by $\frac{1}{4}$ " wide to receive 102N Guide.



Options: See page SF-25

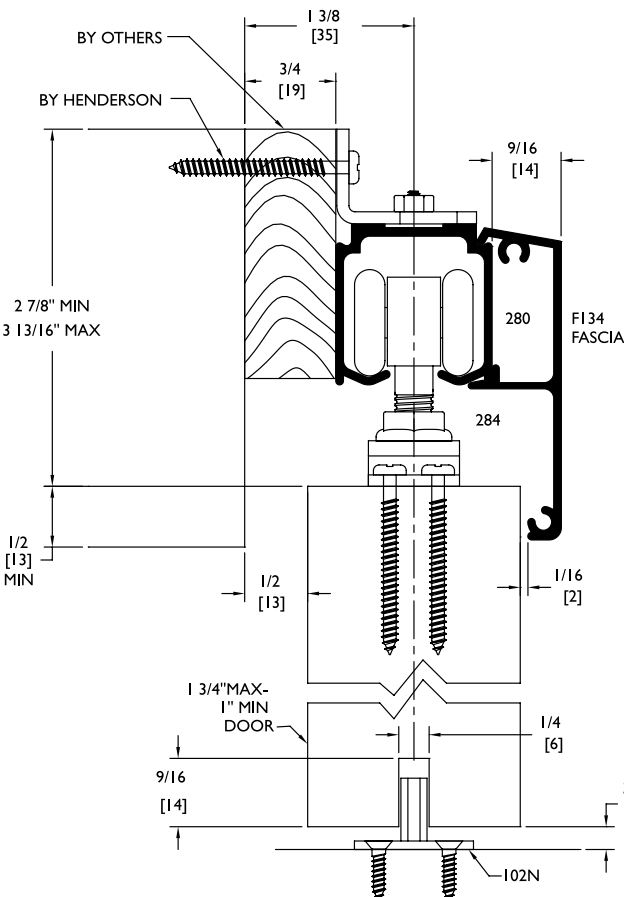
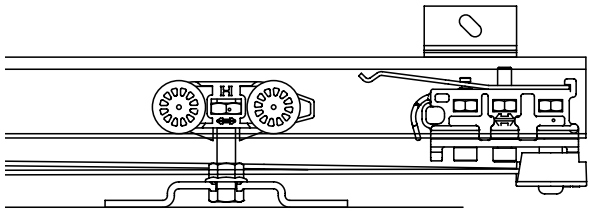
Hardware Kit	H100/200 pack
Mounting Bracket	2812
Track Stop (bumper)	287HD
Bottom Channel	94A
Fascia, Snap-On	F134
Roller Guide	106R/94
Dual Guide Channel	2802BT

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **C** (Clear Anodized)

SIM200A Series

For Sliding Doors up to 48" wide and 200 lbs.
Manufactured by P.C. Henderson

HENDERSON



Simultaneous Action Unit (SIM) allows the simultaneous operation of two doors.

Configurations: Installations:

- Bi-parting
- Overhead Mount
- Side Wall Mount

Features:

- Allows individual bi-part doors to act as a single operating unit. When one door is opened or closed, the second door operates simultaneously
- 200 lb. panel capacity
- Needle bearing nylon wheels for smooth operation
- Mill finished aluminum track 280A

SIM200A Kits Include:

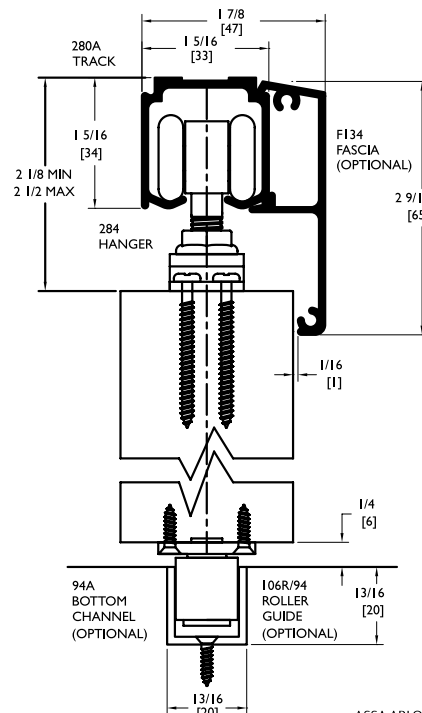
- 1 ea **280A** Mill Finished Aluminum Track
- 4 ea **284** White Nylon Hangers
- 4 ea **601H** Nylon In-Track Clip Stop
- 2 ea **102N** White Nylon Mortise Guide
- 1 ea **SIM100** Cable and Pulley Kit

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
SIM200A/6	Aluminum	72"	2 @ 18"
SIM200A/8	Aluminum	96"	2 @ 24"
SIM200A/12	Aluminum	2 @ 72"	2 @ 36"
SIM200A/16	Aluminum	2 @ 96"	2 @ 48"

Options: See page SF-25

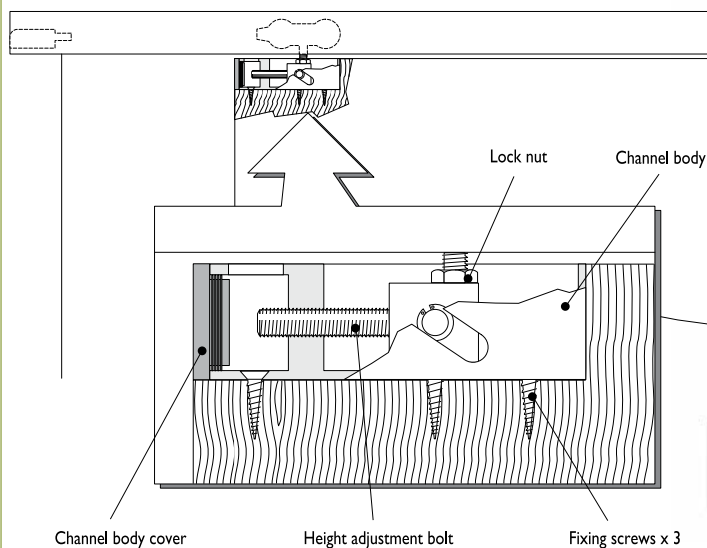
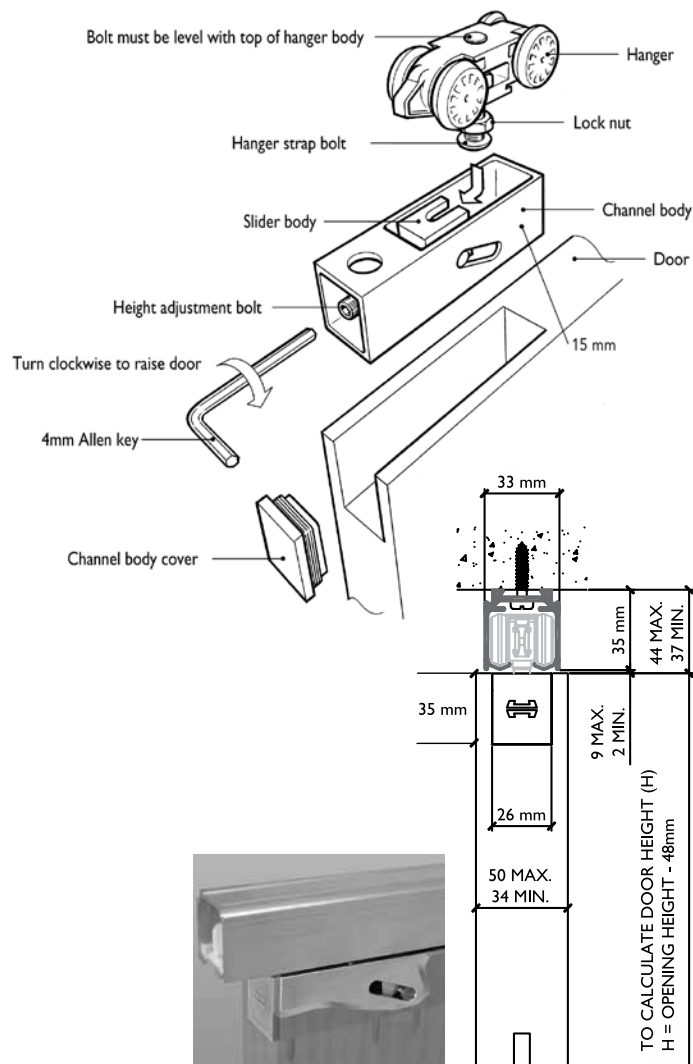
- Fascia **F134C**
- Side Wall Track Brackets **281** available as 5 pack only, 2815
Note: Need one at each end and no more than 3 feet in between. Fasteners included.
- End Plates **K134EP** (Use with F134C only)
- Bottom Channel **94A**
- Roller Guide **106R/94**
- Threshold **971A**
- Side Wall Mortise Guides **102WN** (nylon) and **102WA** (steel)



LP200 Series

For Sliding Panels up to 200 lbs.
 Manufactured by P.C. Henderson

HENDERSON



Low profile design for use where space is limited.

Configurations: Installations:

- Bi-parting
- Single
- Overhead Mount
- Side Wall Mount

Features:

- Used to maximize door height
- Designed to give a modern clean finish with all parts concealed. Ideal for applications where minimal clearance between track and door is required
- Easy installation and adjustment
- 200 lb. panel capacity
- Needle bearing nylon wheels for smooth operation
- Mill finished aluminum track 280AN

LP200A Kits Include:

- 1 ea 280AN Aluminum Track
- 1 ea LH100 Hardware Kit

LH100 Hardware Kits Include:

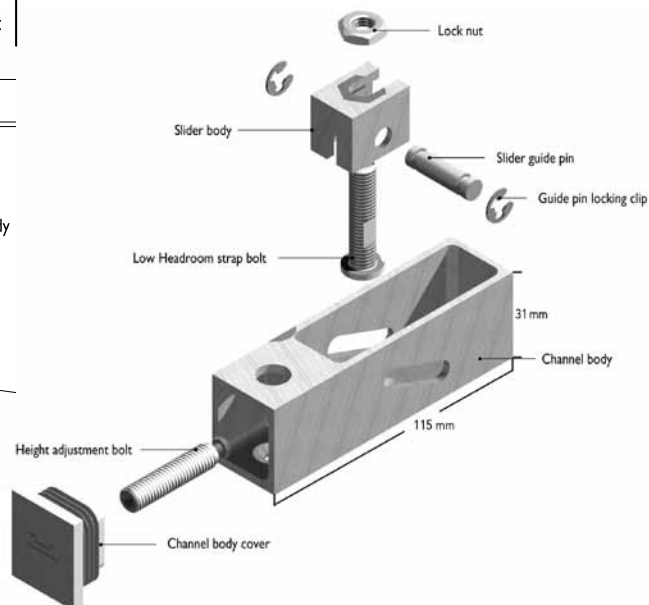
- 2 ea Low Head Room Units
- 2 ea End Caps
- 2 ea In-Track Clip Stops
- 1 ea Screw Pack
- 2 ea Low Head Room Hangers
- 1 ea 102N White Nylon Mortise Guide
- 1 ea Small Spanner and 4mm Allen Key

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
LP200A/6	Aluminum	72"	36"
LP200A/8	Aluminum	96"	48"
LP200A/10	Aluminum	120"	60"

Options: See page SF-25

Side Wall Track Bracket 281A
 Bottom Channel 94A
 Roller Guide 106R/94
 Threshold 971A



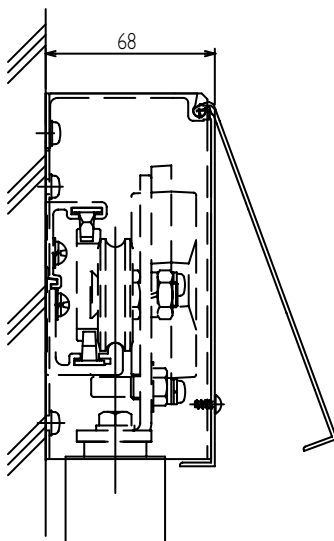
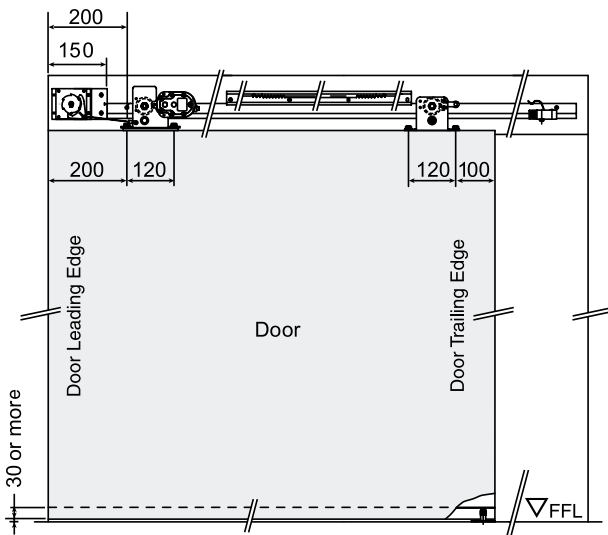
Sirocco Series

For Sliding Panels up to 200 lbs
Manufactured by P.C. Henderson

HENDERSON



Right Hand SIRRH Shown Above and Below



The Sirocco system is a quiet, user friendly self closing system which brings the door gently to a close.

The integrated hydraulic soft stop brings the door to a safe and cushioned close making it ideal for disabled access systems or public areas. The internal door brake can also be adjusted to allow the user to dictate the speed of opening preventing damage to the door and system.

Configurations: Installations:

- Single
- Side Wall Mount

Features:

- Self closing system for a single door from 31½" to 47¼" wide and up to 200lbs
- Interior applications only
- Comes complete with a hydraulically controlled soft close feature
- Adjustable closing speed
- Door brake to reduce opening speed to prevent damage to the door and system
- Optional hold open unit giving adjustable time delay before self closing
- Operational between temperature ranges of 50 to 104 degrees Fahrenheit

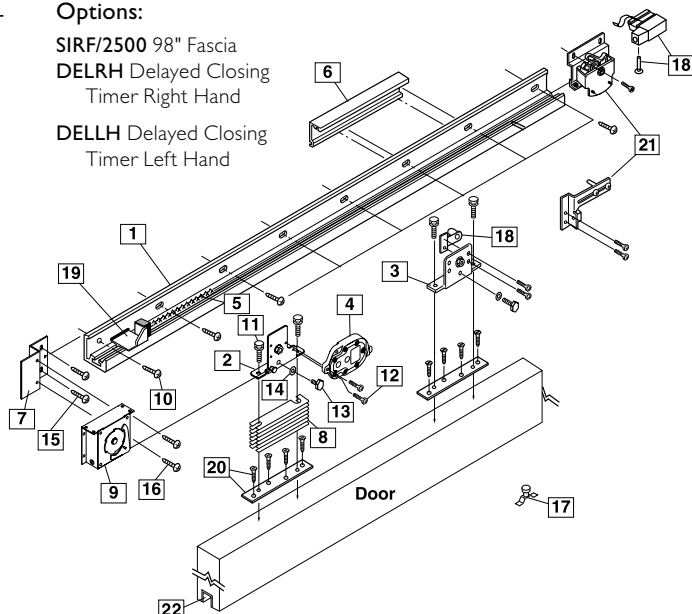
SIRRH Right Hand Opening Kit
SIRLH Left Hand Opening Kit

Sirocco Series Kits Include:

- 1 ea **280A** Mill Finished Aluminum Track 86.61" long
- 1 ea Leading hanger
- 1 ea Trailing hanger
- 1 ea Hydraulic Control Unit
- 1 ea Closing brake rack
- 1 ea Opening brake rack
- 1 ea Power spring mounting bracket
- 7 ea Height adjustment plates
- 1 ea Power spring unit
- 1 ea Guide roller
- 1 ea Opening door stop
- 1 ea Door stop roller
- 1 ea Closing door stop
- 2 ea Wooden door plate. All required screws and bolts

Options:

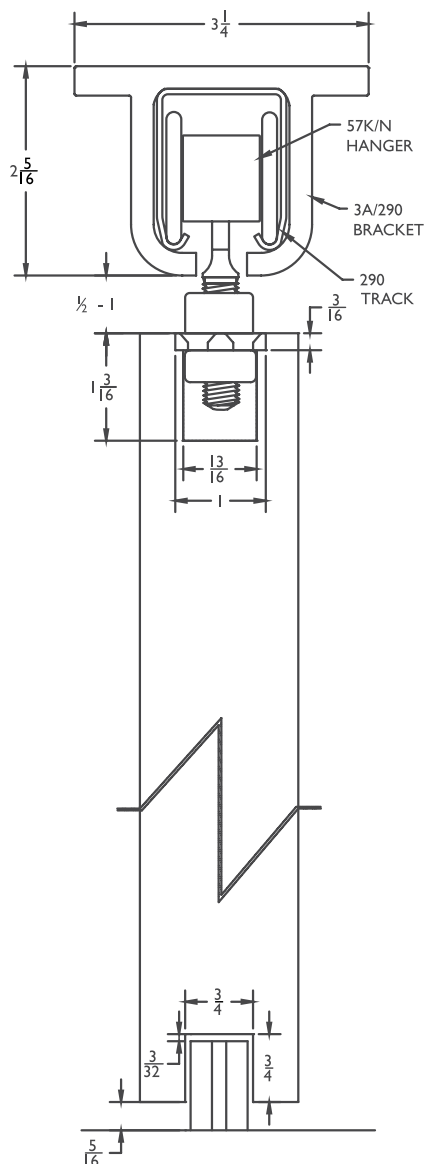
- SIRF/2500** 98" Fascia
- DELRH** Delayed Closing Timer Right Hand
- DELLH** Delayed Closing Timer Left Hand



H300S-OH Series

For Sliding Panels up to 300 lbs.
Manufactured by P.C. Henderson

HENDERSON



Configurations: Installations:

- Bi-parting
- Single
- Overhead Mount

Features:

- Overhead mount system
- Nylon wheels for smooth operation
- 300 lb. panel capacity
- Galvanized steel track 290

H300S-OH Kits Include:

- 1 ea **290** Galvanized Steel Track
- **3A/290** Aluminum Alloy Overhead Mount Track Brackets
(One at each end and no than three feet in between)
- 2 ea **1A/290/EC** Aluminum Alloy End Caps
- 2 ea **57K/N** White Nylon Body and Wheels, Zinc Coated Steel Pendant Bolt Hangers
- 2 ea **HH3/290** Galvanized Steel In-Track Stop
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H300S-OH/6	Steel	72"	36"
H300S-OH/8	Steel	96"	48"
H300S-OH/10	Steel	120"	60"
H300S-OH/12	Steel	144"	72"

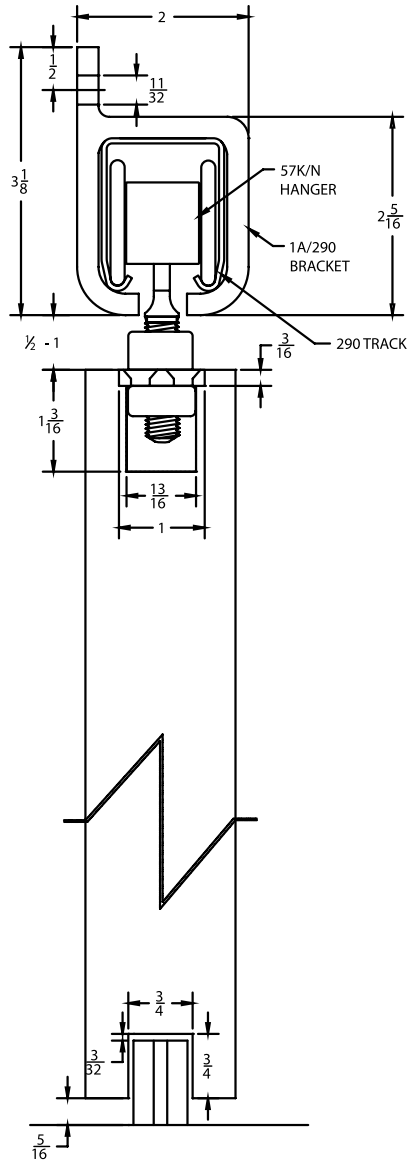
Options: See page SF-25

Bottom Channel	94A
Roller Guide	106R/94
Threshold	971A
Mortise Guides	102N

H300S-SW Series

For Sliding Panels up to 300 lbs.
Manufactured by P.C. Henderson

HENDERSON



Configurations: Installations:

- Bi-parting
- Single
- Side Wall Mount

Features:

- Side wall mount system
- Nylon wheels for smooth operation
- 300 lb. panel capacity
- Galvanized steel track 290

H300S-SW Kits Include:

- 1 ea **290** Galvanized Steel Track
- **1A/290** Side Wall Mount Track Brackets
(One at each end and no more than three feet in between)
- 2 ea **1A/290/EC** Aluminum Alloy End Caps
- 2 ea **57K/N** White Nylon Body and Wheels, Zinc Coated Steel Pendant Bolt Hangers
- 2 ea **HH3/290** Galvanized Steel In-Track Stops
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H300S-SW/6	Steel	72"	36"
H300S-SW/8	Steel	96"	48"
H300S-SW/10	Steel	120"	60"
H300S-SW/12	Steel	144"	72"

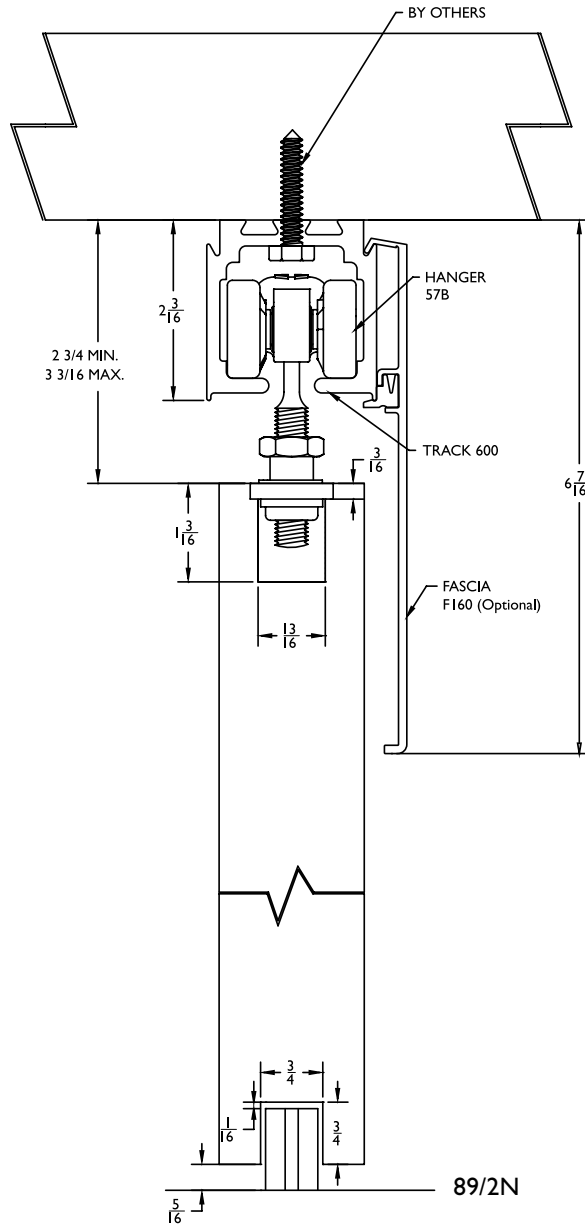
Options: See page SF-25

- Bottom Channel **94A**
- Roller Guide **106R/94**
- Mortise Guides **102N**
- Side Wall Mortise Guides **102WN** (nylon) and **102WA** (steel)

H440A-OH Series

For Sliding Panels up to 440 lbs.
Manufactured by P.C. Henderson

HENDERSON



Configurations: Installations:

- Bi-parting
- Single
- Overhead Mount

Features:

- Overhead mount system
- Nylon body and steel ball bearing nylon wheels for smooth operation
- 440 lb. panel capacity
- Mill finished aluminum track 600A

H440A-OH Kits Include:

- 1 ea **600A** Mill Finished Aluminum Track
- 2 ea **57B** Hangers: Gray Nylon Body, Zinc Coated Steel Pendant Bolt, Steel Ball Bearing Nylon Wheels
- 2 ea **601P** Nylon In-Track Clip Stop
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H440A-OH/6	Aluminum	72"	36"
H440A-OH/8	Aluminum	96"	48"
H440A-OH/10	Aluminum	120"	60"
H440A-OH/12	Aluminum	144"	72"

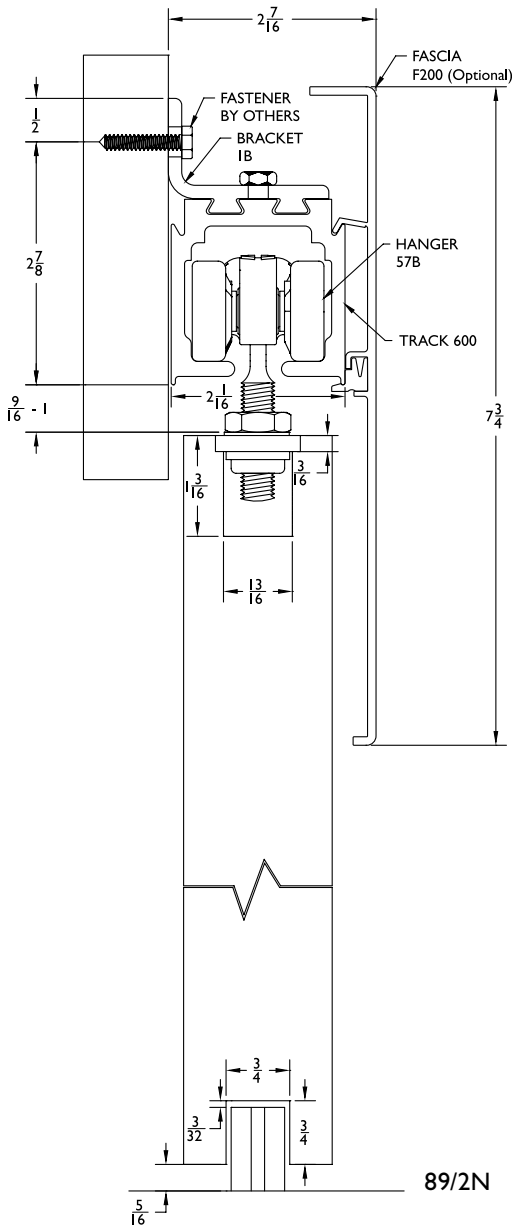
Options: See page SF-25

Fascia	F160C
Bottom Channel	94A
Roller Guide	106R/94
Threshold	971A
Mortise Guides	102N
End Plate Kit	F160ECP (Used With F160C Fascia and 600A Track Only)

H440A-SW Series

For Sliding Panels up to 440 lbs.
Manufactured by P.C. Henderson

HENDERSON



Configurations: Installations:

- Bi-parting
- Single
- Side Wall Mount

Features:

- Side wall mount system
- Nylon body and steel ball bearing nylon wheels for smooth operation
- 440 lb. panel capacity
- Mill finished aluminum track 600A

H440A-SW Kits Include:

- 1 ea **600A** Mill Finished Aluminum Track
- **1B** Side Wall Mount Track Brackets
(One at each end and no than three feet in between)
- 2 ea **57B** Hangers: Gray Nylon Body, Zinc Coated Steel
Pendant Bolt, Steel Ball Bearing Nylon Wheels
- 2 ea **601P** Nylon In-Track Clip Stop
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H440A-SW/6	Aluminum	72"	36"
H440A-SW/8	Aluminum	96"	48"
H440A-SW/10	Aluminum	120"	60"
H440A-SW/12	Aluminum	144"	72"

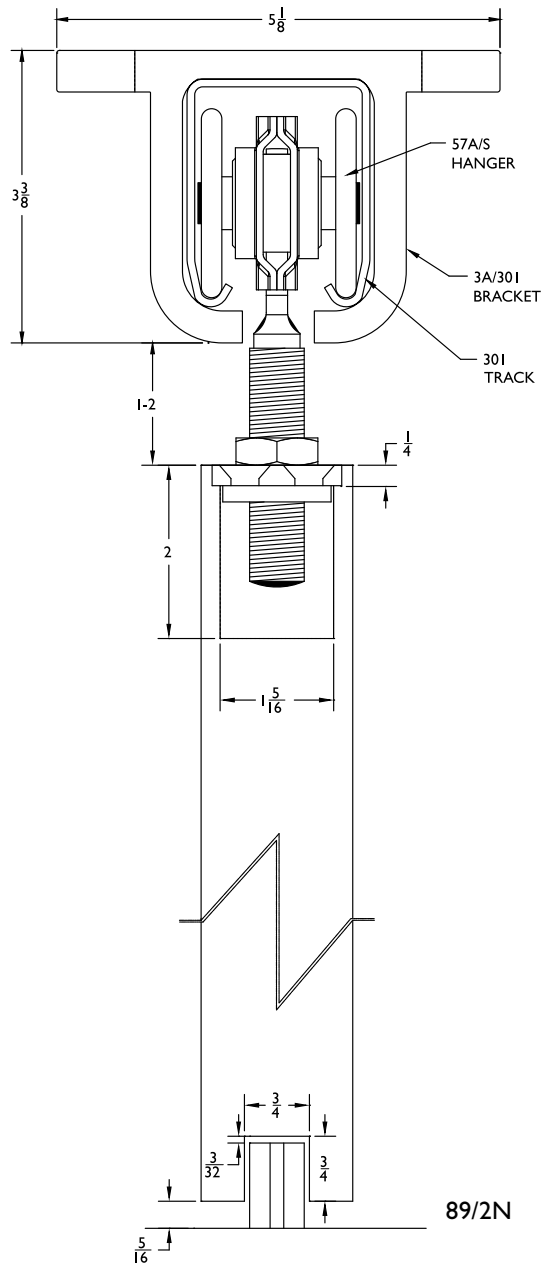
Options: See page SF-25

Fascia	F200C
Bottom Channel	94A
Roller Guide	106R/94
Mortise Guides	102N
Side Wall Mortise Guides	102WVN (nylon) and 102WA (steel)
End Plate Kit	F200ECP (Used With F200C Fascia and 600A Track Only)

H600S-OH Series

For Sliding Panels up to 600 lbs.
Manufactured by P.C. Henderson

HENDERSON



Configurations: Installations:

- Bi-parting
- Single
- Overhead Mount

Features:

- Overhead mount system
- Heavy duty zinc coated steel
- Ball bearing wheels
- 600 lb. panel capacity
- Galvanized steel track 301

H600S-OH Kits Include:

- 1 ea **301** Galvanized Steel Track
- **3A/301** Aluminum Alloy Overhead Mount Track Brackets
(One at each end and no than three feet in between)
- 2 ea **1A/301/EC** Aluminum Alloy End Caps
- 2 ea **57A/S** Zinc Coated Steel Body, Wheels, and Pendant Bolt Hangers
- 2 ea **HH3/301** Galvanized Steel In-Track Stops
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H600S-OH/6	Steel	72"	36"
H600S-OH/8	Steel	96"	48"
H600S-OH/10	Steel	120"	60"
H600S-OH/12	Steel	144"	72"

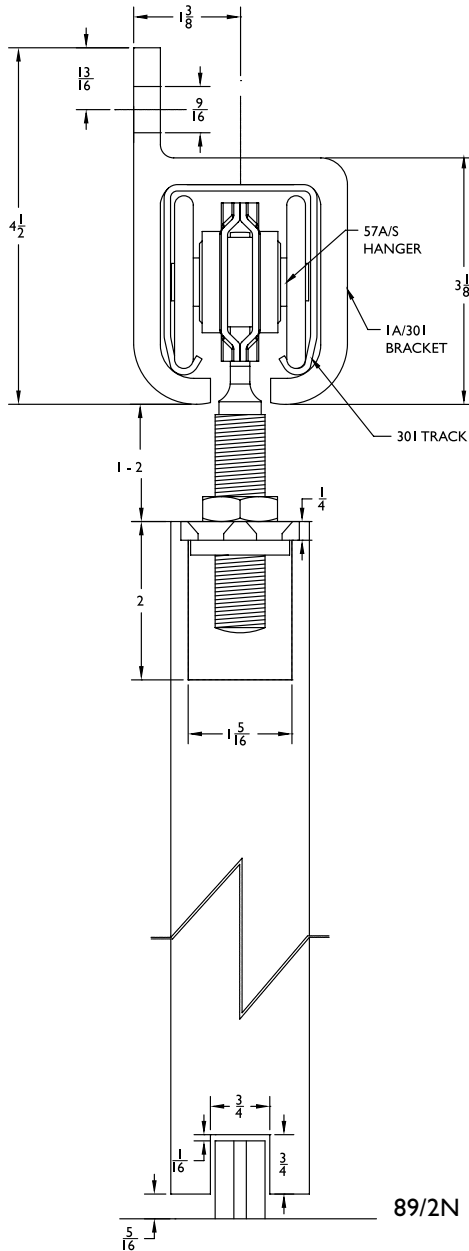
Options: See page SF-25

Bottom Channel	94A
Roller Guide	106R/94
Mortise Guides	102N
Threshold	971A

H600S-SW Series

For Sliding Panels up to 600 lbs.
Manufactured by P.C. Henderson

HENDERSON



Configurations: Installations:

- Bi-parting
- Single
- Side Wall Mount

Features:

- Side wall mount system
- Heavy duty zinc coated steel
- Ball bearing wheels
- 600 lb. panel capacity
- Galvanized steel track 301

H600S-SW Kits Include:

- 1 ea **301** Galvanized Steel Track
- **1A/301** Side Wall Mount Track Brackets
(One at each end and no than three feet in between)
- 2 ea **1A/301/EC** Aluminum Alloy End Caps
- 2 ea **57A/S** Zinc Coated Steel Body, Wheels, and Pendant Bolt Hangers
- 2 ea **HH3/301** Galvanized Steel In-Track Stops
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H600S-SW/6	Steel	72"	36"
H600S-SW/8	Steel	96"	48"
H600S-SW/10	Steel	120"	60"
H600S-SW/12	Steel	144"	72"

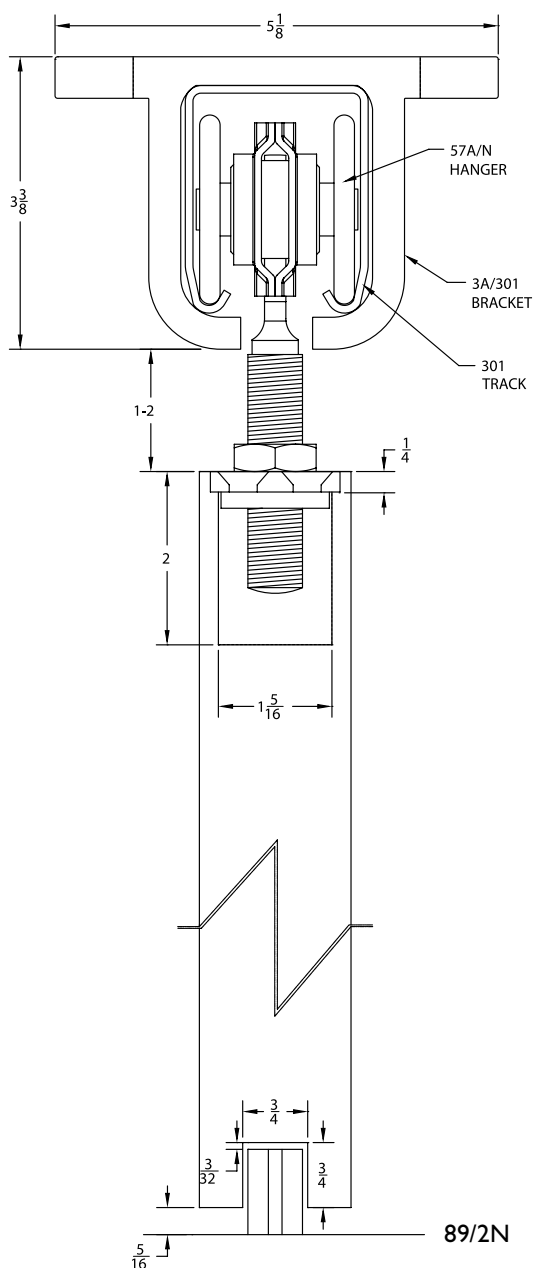
Options: See page SF-25

- Bottom Channel **94A**
- Roller Guide **106R/94**
- Mortise Guides **102N**
- Side Wall Mortise Guides **102WN**

H800S-OH Series

For Sliding Panels up to 800 lbs.
 Manufactured by P.C. Henderson

HENDERSON



Configurations: Installations:

- Bi-parting
- Single
- Overhead Mount

Features:

- Overhead mount system
- Heavy duty zinc coated steel body
- Ball bearing nylon wheels for smooth operation
- 800 lb. panel capacity
- Galvanized steel track 301

H800S-OH Kits Include:

- 1 ea **301** Galvanized Steel Track
- **3A/301** Overhead Mount Track Brackets
(One at each end and no than three feet in between)
- 2 ea **1A/301/EC** Aluminum Alloy End Caps
- 2 ea **57A/N** Zinc Coated Steel Body, Nylon Wheels, and
Pendant Bolt Hangers
- 2 ea **HH3/301** Galvanized Steel In-Track Stop
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H800S-OH/6	Steel	72"	36"
H800S-OH/8	Steel	96"	48"
H800S-OH/10	Steel	120"	60"
H800S-OH/12	Steel	144"	72"

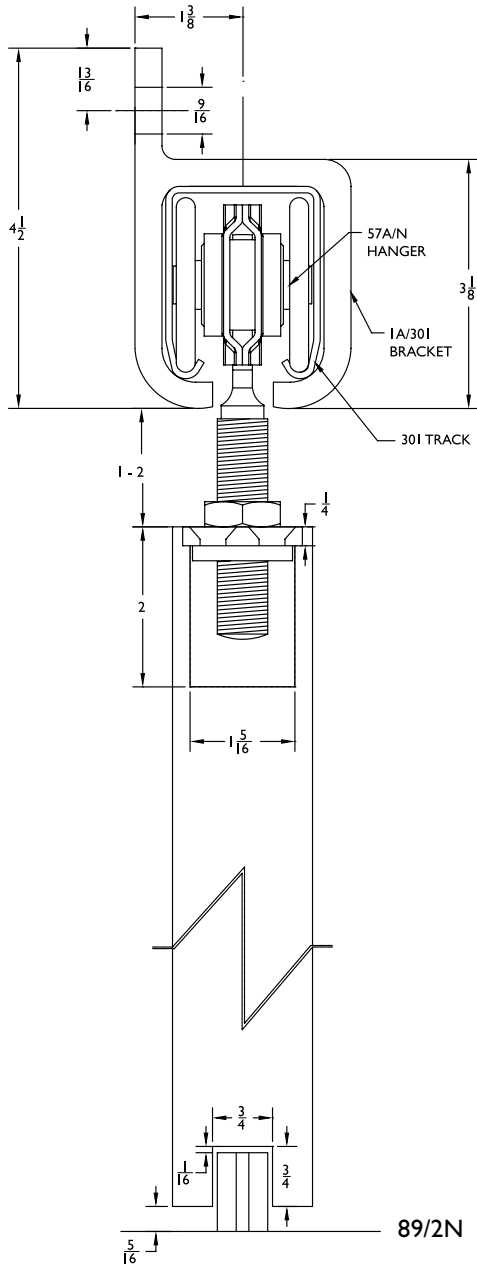
Options: See page SF-25

Bottom Channel	94A
Roller Guide	106R/94
Mortise Guides	102N
Threshold	971A

H800S-SW Series

For Sliding Panels up to 800 lbs.
Manufactured by P.C. Henderson

HENDERSON



Configurations: Installations:

- Bi-parting
- Single
- Side Wall Mount

Features:

- Side wall mount system
- Heavy duty zinc coated steel body
- Heavy ball bearing nylon wheels for smooth operation
- 800 lb. panel capacity
- Galvanized steel track 301

H800S-SW Kits Include:

- 1 ea **301** Galvanized Steel Track
- **1A/301** Aluminum Alloy Side Wall Mount Track Brackets
(One at each end and no than three feet in between)
- 2 ea **1A/301/EC** Aluminum Alloy End Caps
- 2 ea **57A/N** Zinc Coated Steel Body, Nylon Wheels, and
Pendant Bolt Hangers
- 2 ea **HH3/301** Galvanized Steel In-Track Stops
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

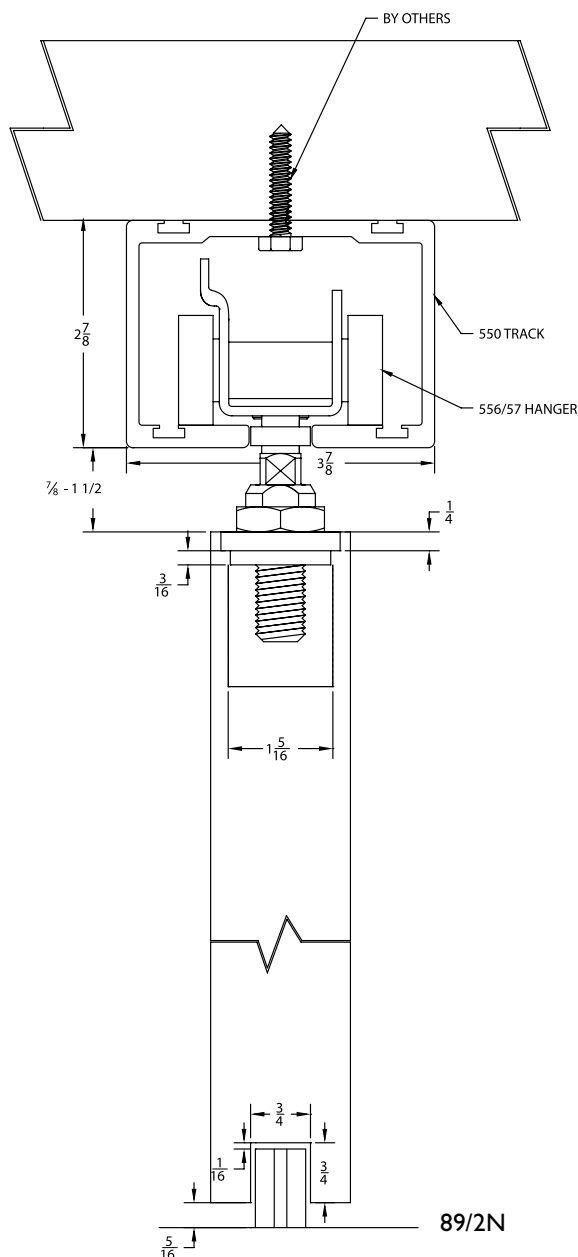
Part Number	Material	Track Length	Door Width
H800S-SW/6	Steel	72"	36"
H800S-SW/8	Steel	96"	48"
H800S-SW/10	Steel	120"	60"
H800S-SW/12	Steel	144"	72"

Options: See page SF-25

- Bottom Channel **94A**
- Roller Guide **106R/94**
- Mortise Guides **102N**
- Side Wall Mortise Guides **102WN** (nylon) and **102WA** (steel)

H1100A-OH Series

For Sliding Panels up to 1100 lbs.
Manufactured by P.C. Henderson
HENDERSON



Ideally suited for large doors that require high performance and an attractive finish.

Typical applications are hotels, conference centers, shop-fronts and showrooms.

Configurations: Installations:

- Bi-parting
- Single
- Overhead Mount

Features:

- For top hung wood and metal doors
- Heavy duty black painted steel body
- Ball bearing steel wheels
- 1100 lb. panel capacity
- Mill finished aluminum track 550A

H1100A-OH Kits Include:

- 1 ea **550A** Mill Finished Aluminum Track
- 2 ea **556/57** Painted Black Steel Body - Zinc Coated Steel
Wheels and Pendant Bolt Hangers
- 2 ea **HH3/301** Galvanized Steel In-Track Stops
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H1100A-OH/6	Aluminum	72"	36"
H1100A-OH/8	Aluminum	96"	48"
H1100A-OH/10	Aluminum	120"	60"
H1100A-OH/12	Aluminum	144"	72"
H1100A-OH/16	Aluminum	197"	98"

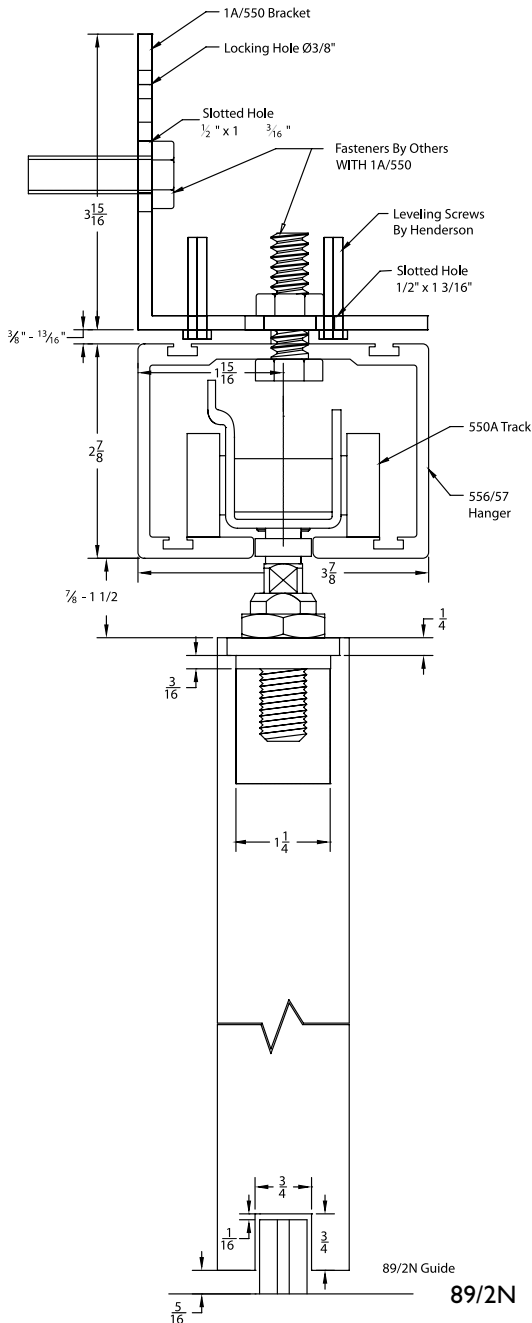
Options: See page SF-25

Bottom Channel	94A
Roller Guide	106R/94
Threshold	971A

H1100A-SW Series

For Sliding Panels up to 1100 lbs.
Manufactured by P.C. Henderson

HENDERSON



Ideally suited for large doors that require high performance and an attractive finish.

Typical applications are hotels, conference centers, shop-fronts and showrooms.

Configurations: Installations:

- Bi-parting
- Single
- Side Wall Mount

Features:

- Heavy duty black painted steel body ball bearing wheels
- 1100 lb. panel capacity
- Mill finished aluminum track 550A

H1100A-SW Kits Include:

- 1 ea **550A** Mill Finished Aluminum Track
- **1A/550** Aluminum Alloy Side Wall Track Bracket
Fastners not included with 1A/550. (One at each end and no than three feet in between)
- 2 ea **556/57** Painted Black Steel Body - Zinc Coated Steel
Wheels and Pendant Bolt Hangers
- 2 ea **HH3/301** Galvanized Steel In-Track Stops
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes

Part Number	Material	Track Length	Door Width
H1100A-SW/6	Aluminum	72"	36"
H1100A-SW/8	Aluminum	96"	48"
H1100A-SW/10	Aluminum	120"	60"
H1100A-SW/12	Aluminum	144"	72"
H1100A-SW/16	Aluminum	197"	98"

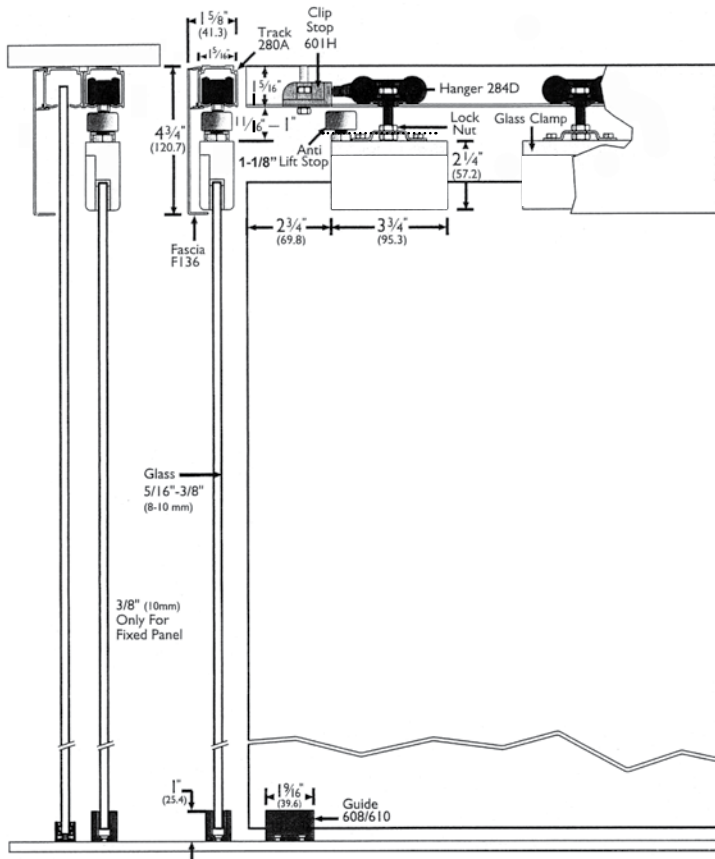
Options: See page SF-25

Bottom Channel **94A**
Roller Guide **106R/94**

Sliding Glass Series

Manufactured by P.C. Henderson

HENDERSON



For lightweight glass applications such as office doors and small glass partitions.

Capacity:

Max. door weight	165 lbs. (75kg)
Max. door height	7' 10" (2400mm)
Max. door width	4' 1" (1250mm)
Glass thickness	5/16" (8mm) & 3/8" (10mm)

Door Types:

Glass panels of 5/16" (8mm) or 3/8" (10mm) thickness in tempered or laminated glass.

8/10/75 HUSKY Glass Clamp Kit:

- 2 ea **284D** Hangers
- 2 ea **GLASS** Clamps w/anti-lift stop
- 2 ea **601H** End stops
- 1 ea **610** Guide
- 1 ea **608** Guide

NOTE: When using glass clamps in combination with protective coatings for glass surfaces, ensure that the portion of the glass surface to be clamped is not treated.

Options: See page SF-25

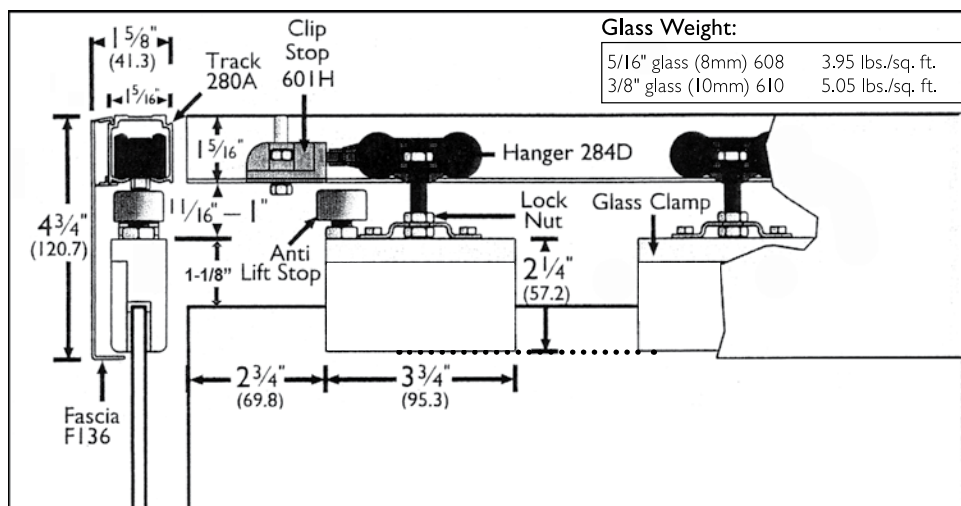
Track: **280A** (extruded aluminum)
Available in 6', 8', 10' & 12' lengths

Face mount bracket: **281** available as 5 pack only, **2815**
NOTE: Need one on each end, with no more than 3 feet in between each bracket. Fasteners included.

Fascias: **F136** Soffit Fixed Track

Guides: **608** and **610** glass guides

Accessories: **601H** retaining stop mounted within the track



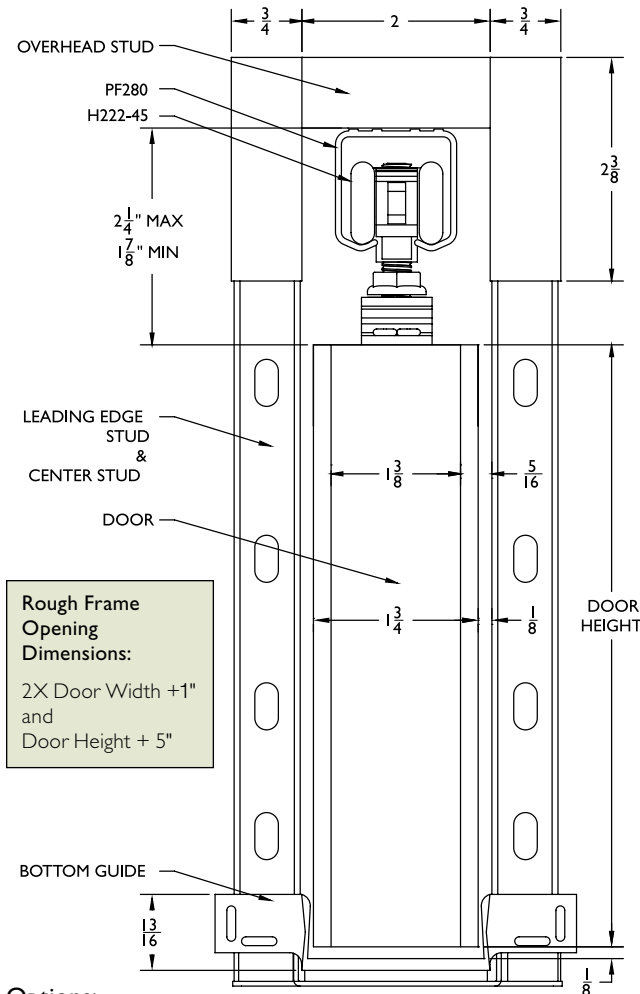
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **C** (Clear Anodized)

Pocket Frame Kit

Manufactured by PEMKO

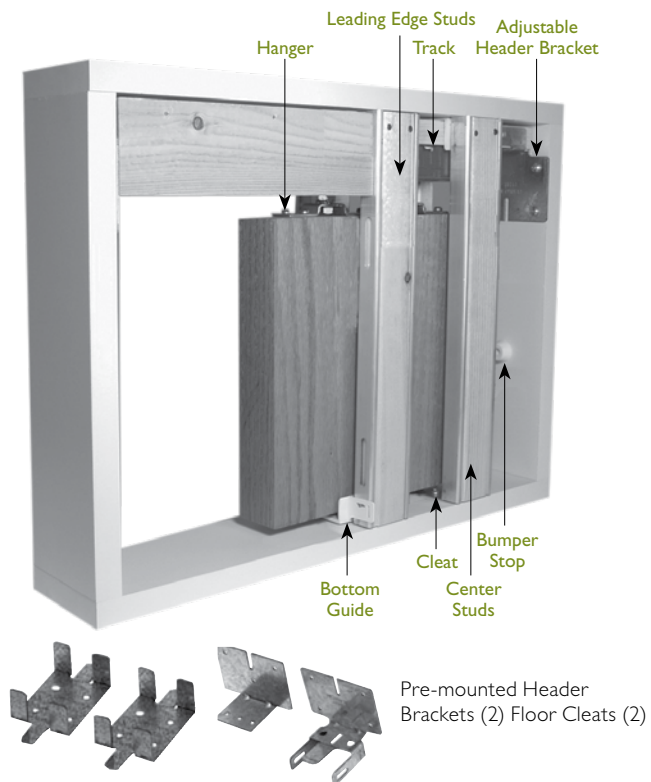
- Heavy duty hardware supports doors up to 175 lbs. each
- Door actuation requires less than 5 lbs of horizontal force, meeting ADA requirements
- Extruded aluminum track
- Solid wood studs encased in extruded aluminum reduces corrosion and minimizes bowing effects

- Standard kit is for 1 $\frac{3}{8}$ " door. For 1 $\frac{3}{4}$ " door, MUST use PFI34KIT (see Options below)
- Chrome plated steel hangers are corrosion resistant and no maintenance is required
- Knock-down construction



Pocket Frame Kit Includes:

- 1 ea Header Track Assembly
 - 4 ea PFAS_ Aluminum Cased Wood Studs
 - 2 ea PFHB-1 and PFHB-2 Pre-Mounted Header Brackets
 - 2 ea H222-45 Hangers
 - 2 ea PFFC-8 Floor Cleats
 - 1 ea PFBS Pocket Bumper Stop
 - 1 ea PFBG-8 Pocket Frame Bottom Guide for 1 $\frac{3}{8}$ " Thick Doors
- Mounting Hardware



Options:

PF134 KIT - Must be ordered for 1 $\frac{3}{4}$ " doors

PFAS88 - An extra pair of 88" center studs with floor cleat for 84" tall doors, for doors over 3' wide

PFAS100 - An extra pair of 100" center studs with floor cleat for 96" tall doors, for doors over 3' wide

PFCDKIT - Conversion Kit to achieve a bipart double door frame

PFKIT-4 - Hardware Kit for PEMKO Pocket Frame Kit for 1 $\frac{3}{4}$ " thick doors (Each contains 2-H222-45 Hangers, 1-PFBS Bumper Stop, 1- PFBG-4 Guide, 2 PFHS Header Shims, 2-PFFC-4 Floor Cleats)

PFKIT-8 - Hardware Kit for PEMKO Pocket Frame Kit for 1 $\frac{3}{8}$ " thick doors (Each contains 2-H222-45 Hangers, 1-PFBS Bumper Stop, 1- PFBG-8 Guide, 2-PFFC-8 Floor Cleats)

Available Kits*

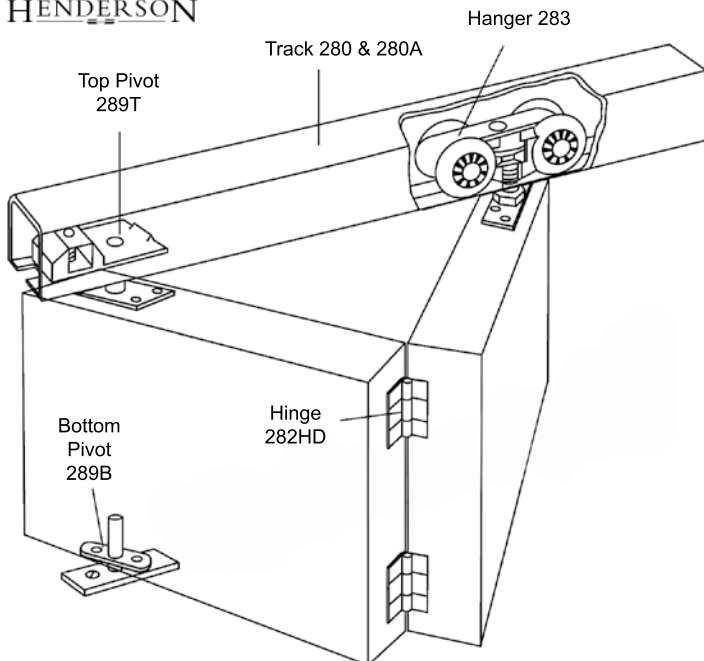
2 x 4 (3 1/2" Stud)	2 x 6 (5 1/2" Stud)	2 x 6 (6" Stud)	Net Door Size (The Kits can be trimmed in field)
PF28200A6080	PF28200A6080-2x6	PF28200A6080-SP6	2'6" x 6'8"
PF28200A7280	PF28200A7280-2x6	PF28200A7280-SP6	3'0" x 6'8"
PF28200A9680	PF28200A9680-2x6	PF28200A9680-SP6	4'0" x 6'8"
PF28200A6084	PF28200A6084-2x6	PF28200A6084-SP6	2'6" x 7'0"
PF28200A7284	PF28200A7284-2x6	PF28200A7284-SP6	3'0" x 7'0"
PF28200A9684	PF28200A9684-2x6	PF28200A9684-SP6	4'0" x 7'0"
PF28200A6096	PF28200A6096-2x6	PF28200A6096-SP6	2'6" x 8'0"
PF28200A7296	PF28200A7296-2x6	PF28200A7296-SP6	3'0" x 8'0"
PF28200A9696	PF28200A9696-2x6	PF28200A9696-SP6	4'0" x 8'0"

*Custom sizes available call for information

Folding 100 Series

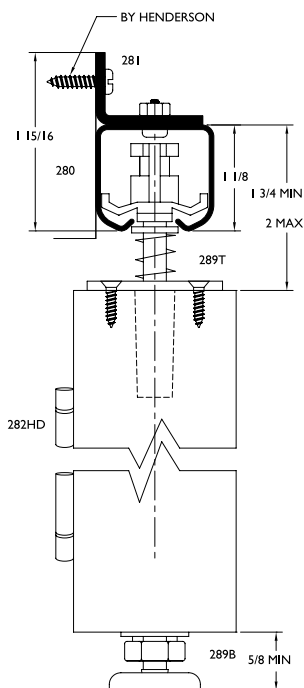
For Folding Doors and Room Dividers up to 100 Lbs.
For Doors up to 24" Wide x 96" Tall
Manufactured by P.C. Henderson

HENDERSON

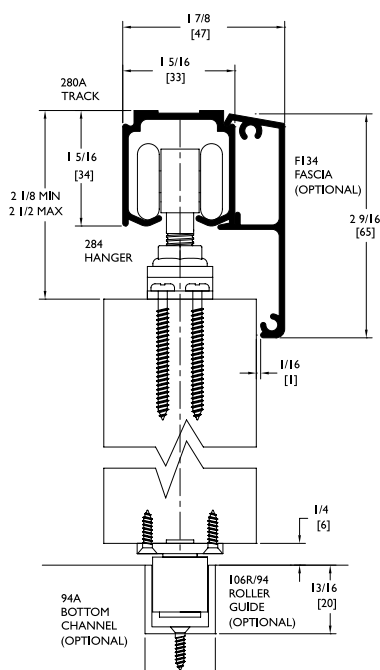


NOTE: Allow 1/4" clearance at pivot jambs and 1/8" in between hinged doors if hinges are semi mortised. Allow 3/16" between hinged doors if hinges are surface mounted. Allow 1/8" between doors meeting in the center of the opening on HF4 kits and allow 1/8" between wall and end panel on HF2 kits.

280 Side Wall Mounted



280A Overhead Mounted



High quality hardware makes medium weight folding doors efficient and easy to use. Two and four leaf kits are available.

Two Panel:

HF2/100A Kits Include:

- 1 ea 280A Mill Finished Aluminum Track
- 1 ea 283 Hanger
- 1 ea 289T Top Pivot
- 1 ea 289B Bottom Pivot
- 3 ea 282HD Hinges
- 1 ea 106HF/94 Roller Guide
- 1 ea 94A Aluminum Guide Channel
- 1 ea Adjusting Wrench and Mounting Hardware

Four Panel:

HF4/100A Kits Include:

- 1 ea 280A Mill Finished Aluminum Track
- 2 ea 283 Hangers
- 2 ea 289T Top Pivots
- 2 ea 289B Bottom Pivots
- 6 ea 282HD Hinges
- 2 ea 106HF/94 Roller Guide
- 1 ea 94A Aluminum Guide Channel
- 1 ea Adjusting Wrench and Mounting Hardware

STANDARD KIT SIZES

Part Number	Material	# of Panels	Track Length
HF2/100A/2	Aluminum	2	24"
HF2/100A/2'6	Aluminum	2	30"
HF2/100A/3	Aluminum	2	36"
HF2/100A/4	Aluminum	2	48"
HF4/100A/4	Aluminum	4	48"
HF4/100A/5	Aluminum	4	60"
HF4/100A/6	Aluminum	4	72"
HF4/100A/8	Aluminum	4	96"
HF2/100/4*	Steel	2	48"
HF4/100/8*	Steel	4	96"

*Steel kits include the same components as above, except track is 1ea 280 galvanized steel.

Options: See page SF-25

Mounting Bracket 281 available as 5 pack only, 2815
Threshold 971A

Pacer Interior End Fold Series

For Folding Doors and Room Dividers up to 165 lbs.

For Doors up to 36" Wide x 106" Tall

Manufactured by P.C. Henderson

HENDERSON

For top-hung, medium weight, interior, partition doors.

Ideal in both residential and commercial applications requiring end folding doors.

Two Panel: plan 1

PIF2/165A Kits Include:

- 1 ea **600A** Mill Finished Aluminum Track
- 1 ea **21B/P** Top and Bottom Pivot Assembly
- 1 ea **21BO/4** Nylon Body and Wheels, Zinc Coated Steel
Pendant Bolt and Door Bracket Hanger
- 1 ea **21N/94** Nylon Roller Guide on Zinc Coated Steel Door
Bracket Bottom Guide
- 4 ea **403/2** Aluminum Alloy Butt Hinges
- 1 ea **94A** Aluminum Guide Channel

Four Panel: plan 2

PIF4/165A Kits Include:

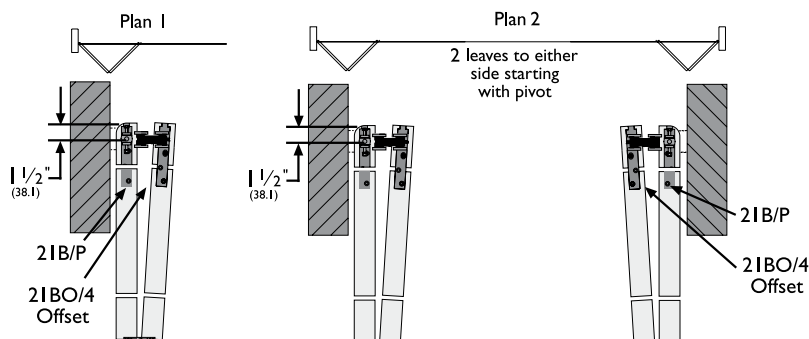
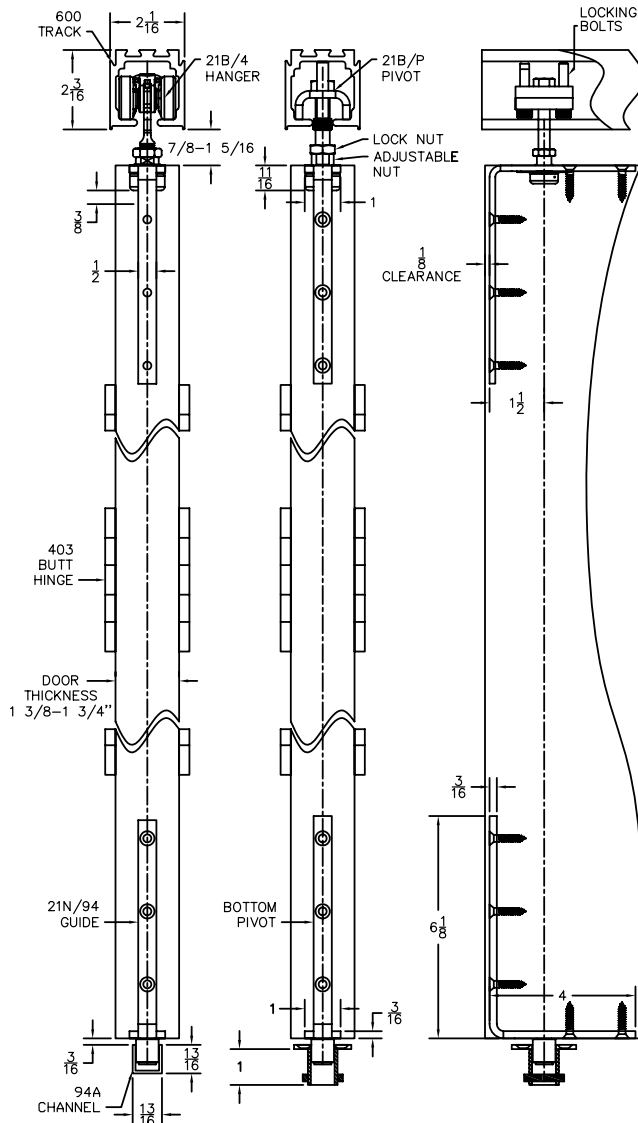
- 1 ea **600A** Mill Finished Aluminum Track
2 ea **21B/P** Top and Bottom Pivot Assembly
2 ea **21BO/4** Nylon Body and Wheels, Zinc coated
steal Pendant Bolt and Door Bracket Hanger
2 ea **21N/94** Nylon Roller Guide on Zinc Coated Steel
Door Bracket Bottom Guide
8 ea **403/2** Aluminum Alloy Butt Hinges
1 ea **94A** Aluminum Guide Channel

Standard Kit Sizes			
Part Number	Material	# of Panels	Track Length
PIF2/165A/6	Aluminum	2	72"
PIF4/165A/6	Aluminum	4	72"
PIF4/165A/8	Aluminum	4	96"
PIF4/165A/12	Aluminum	4	2 @ 72"

Options: See page SF-25

Threshold 971A

Note: Allow $\frac{3}{8}$ " clearance at pivot jambs and $\frac{1}{8}$ " in between hinged doors if hinges are semi mortised. Allow $\frac{7}{16}$ " between hinged doors if hinges are surface mounted. Allow $\frac{1}{8}$ " between doors meeting in the center of the opening on PIF4 kits and allow $\frac{1}{8}$ " between wall and end panel on PIF2 kits.



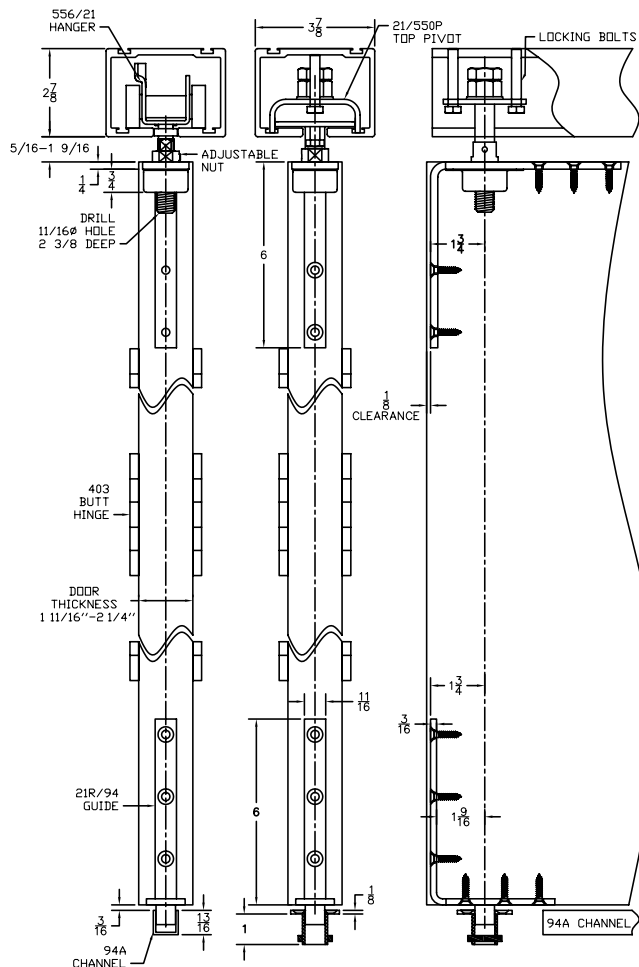
Flexirol Interior End Fold Series

For Folding Doors and Room Dividers up to 275 lbs.

For Doors up to 48" Wide x 177" Tall

Manufactured by P.C. Henderson

HENDERSON



For top-hung, heavy weight, interior, partition doors.

Specifically designed for commercial applications requiring end folding doors.

Two Panel: plan 1

FIF2/275A Kits Include:

- 1 ea 550A Mill Finished Aluminum Track
- 1 ea 21/550/P Top and Bottom Pivot Assembly
- 1 ea 556/21 Zinc Coated Steel Wheels, Pendant Bolt, Body, and Door Bracket
- 1 ea 21R/94 Bottom Guide
- 4 ea 403/2 Aluminum Alloy Butt Hinges
- 1 ea 94A Aluminum Guide Channel

Four Panel: plan 2

FIF4/275A Kits Include:

- 1 ea 550A Mill Finished Aluminum Track
- 2 ea 21/550/P Top and Bottom Pivot Assembly
- 2 ea 556/21 Zinc Coated Steel Wheels, Pendant Bolt, Body, and Door Bracket
- 2 ea 21R/94 Bottom Guide
- 8 ea 403/2 Aluminum Alloy Butt Hinges
- 1 ea 94A Aluminum Guide Channel

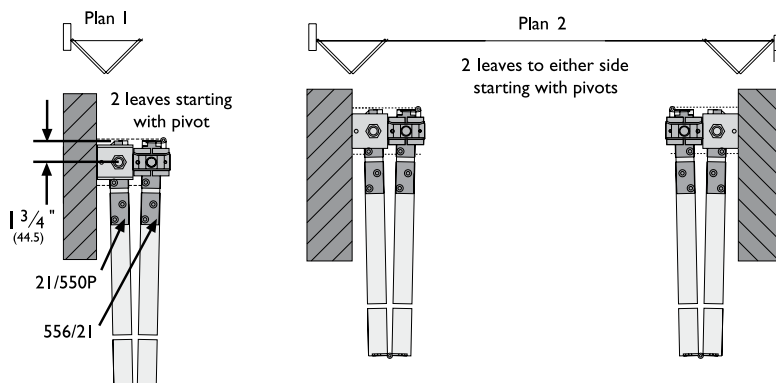
Standard Kit Sizes

Part Number	Material	# of Panels	Track Length
FIF2/275A/6	Aluminum	2	72"
FIF2/275A/8	Aluminum	2	96"
FIF4/275A/6	Aluminum	4	72"
FIF4/275A/8	Aluminum	4	96"
FIF4/275A/12	Aluminum	4	2 @ 72"
FIF4/275A/16	Aluminum	4	2 @ 96"

Options: See page SF-25

Threshold 971A

Note: Allow 1/2" clearance at pivot jambs and 1/8" in between hinged doors if hinges are semi mortised. Allow 3/16" between hinged doors if hinges are surface mounted. Allow 1/8" between doors meeting in the center of the opening on FIF4 kits and allow 1/8" between wall and end panel on FIF2 kits.



Options & Accessories

A visual guide to various parts

Mounting Brackets



281

(Sold in 5 packs, 2815)

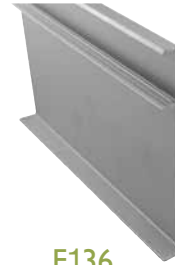


2812

Fascia



F134



F136

End plates



K134EP

Stops



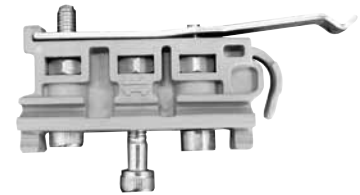
286



287HD



PFBS



601H

Guides



102N



PFBG-4



PFBG-8



106R/94



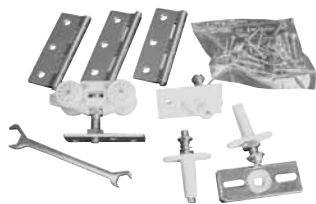
106N/94

Bottom Channel

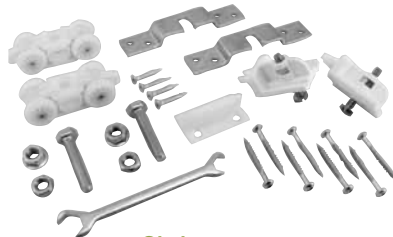


102WA

Hardware Kits



**Folding
HF2/100 Pack**



**Sliding
H100/200 Pack**



94A



2802BT



**Glass Clamp Kit
8/10/75 Husky**



971A

RESIDENTIAL THRESHOLDS

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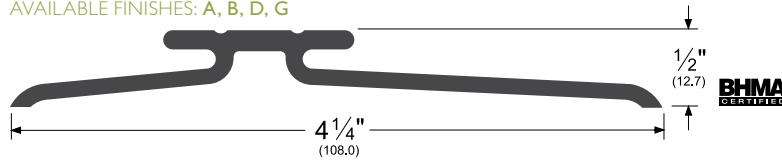
PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
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101.....	RT-2	167.....	RT-15	326.....	RT-8
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108.....	RT-2	203.....	RT-5	2051.....	RT-6
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Interlocking Thresholds

- All interlocking thresholds (including water return types) and caps are furnished with #61 hooks and nails
- For alternate hooks, see following page

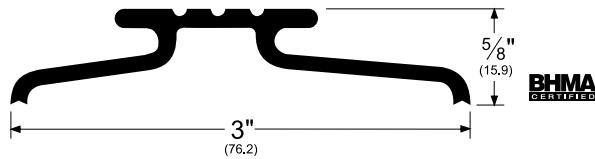
114_

AVAILABLE FINISHES: A, B, D, G



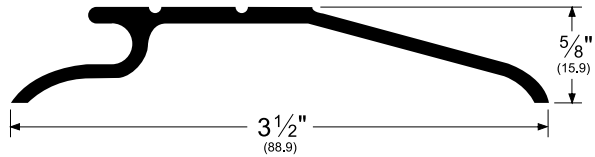
121_

AVAILABLE FINISHES: A, D, G



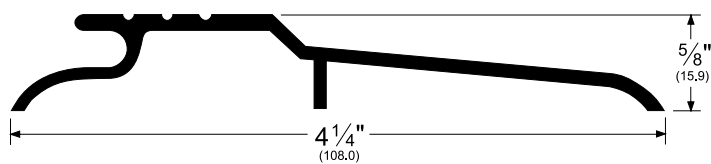
110_

AVAILABLE FINISHES: A, B, D, G



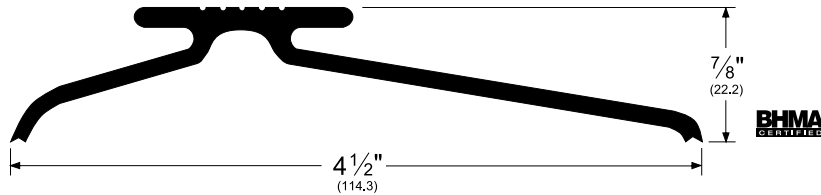
115_

AVAILABLE FINISHES: A, D, G



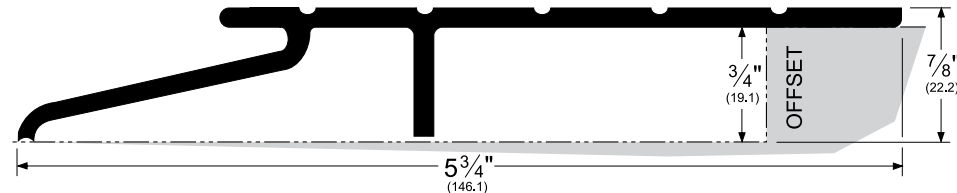
120_

AVAILABLE FINISHES: A, B, D, G



123_

AVAILABLE FINISH: B



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

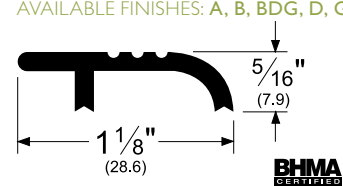
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) G (Gold Anodized)

Threshold Caps

- Typically mounted on an existing saddle-type threshold to create an interlock with a J-hook or L-hook

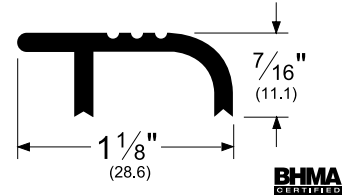
101_

AVAILABLE FINISHES: A, B, BDG, D, G



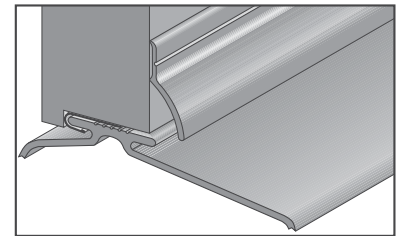
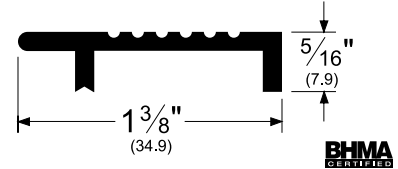
107_

AVAILABLE FINISHES: A, D, G



108_

AVAILABLE FINISH: B

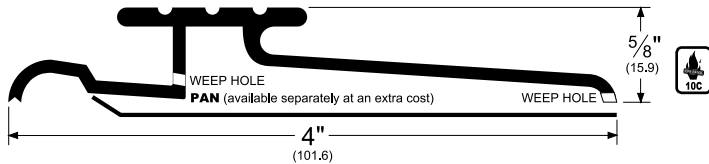


Interlocking Thresholds - Water Return

- Water return thresholds are designed to catch water which may blow or run under the door and return it to the outside through interior weep holes, down the sloped drain pan, and out exterior weep holes
- Product number for the aluminum water return pan is **PAN**
- Products are furnished with #61 hooks and nails

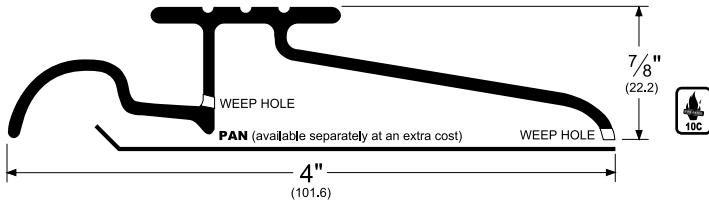
142_

AVAILABLE FINISHES: A, D, G



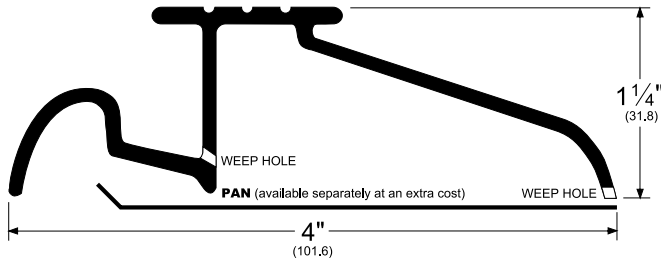
145_

AVAILABLE FINISHES: A, B, BDG, D, G, PW, SN



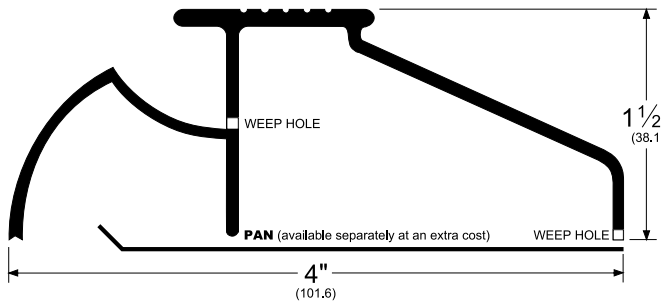
146_

AVAILABLE FINISHES: A, B, BDG, D, G, PW, SN



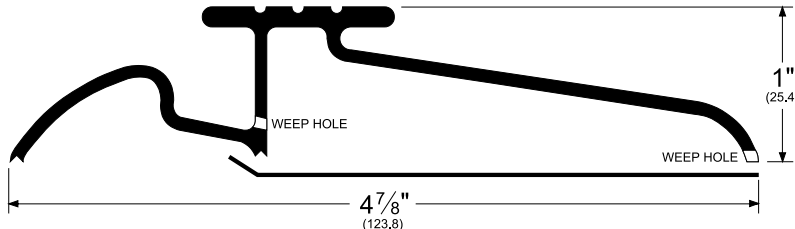
147_

AVAILABLE FINISHES: A, BDG, D, G, SN



136_

AVAILABLE FINISHES: A, B, BDG, D, G, SN



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

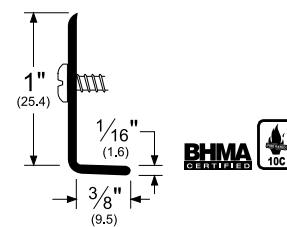
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) G (Gold Anodized)
PW (Painted White) SN (Satin Nickel Anodized) For Hooks: B (Bronze) Z (Zinc)

Hooks

- When installed properly on bottom of door, hooks interlock with threshold for a superior seal
- When substituting #66 or #67 hooks for #61 hooks, price will be increased accordingly. Contact PEMKO Customer Service

66_

AVAILABLE FINISHES: A, B, BDG, D, G



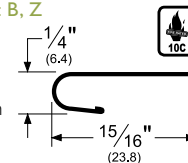
_61

AVAILABLE FINISHES: B, Z

.018 bronze

.015 zinc

Note: B61 is roll form bronze metal



_67

AVAILABLE FINISHES: A, D, G



NOTE: Products shown in this section may not be drawn to scale.

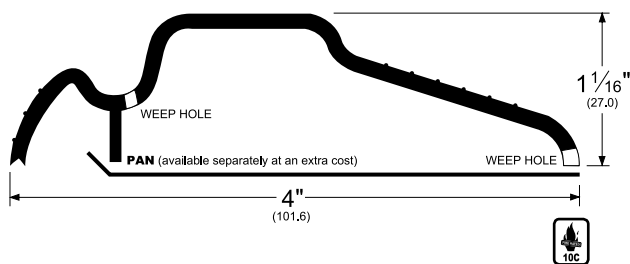
Residential Thresholds - Water Return

- Water return thresholds are designed to catch water which may blow or run under the door and return it to the outside through interior weep holes, down the sloped drain pan and out exterior weep holes

- Product number for aluminum water return pan is **PAN**

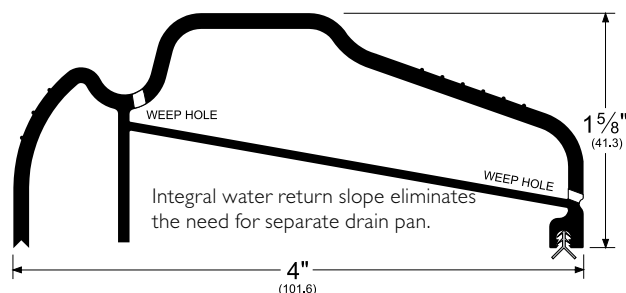
213_

AVAILABLE FINISHES: **A, BDG, D, G, SN**



2813_

AVAILABLE FINISHES: **A, BDG, D, G, PW, SN**



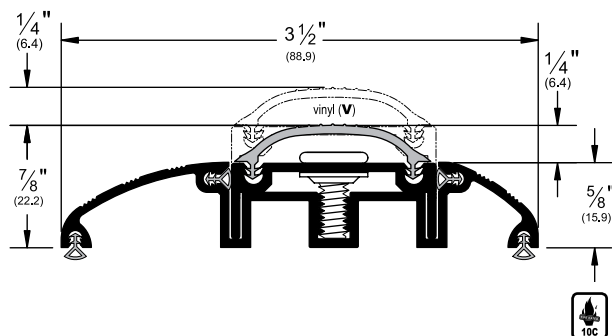
Adjustable Vinyl Top Thresholds

- Furnished with concealed, weather-sealed mounting screws and adjustment mechanism
- Vinyl seal adjusts to overcome swelling and/or shrinking of door and floor and eliminates need for shoe or sweep

- Furnished with vinyl (**V**) insert. Gray replacement vinyl is **PV64GR** (see Weatherization Products section)
- Pre-assembled for easy installation and adjustment

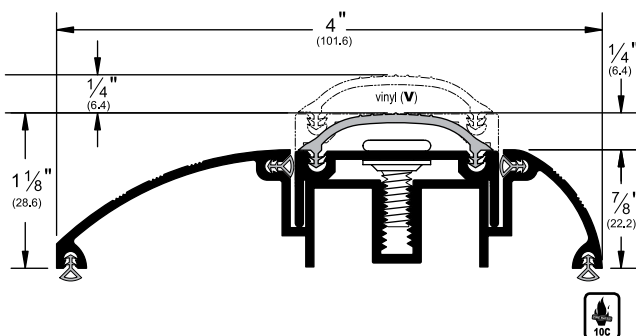
249_V

AVAILABLE FINISHES: **A, D**
 AVAILABLE LENGTHS: 36", 72"



250_V

AVAILABLE FINISHES: **A, D**
 AVAILABLE LENGTHS: 36", 72"



Vinyl Top Thresholds

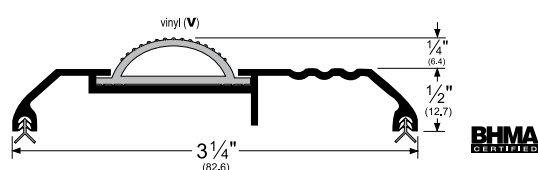
- Vinyl (**V**) top creates a seal at the bottom of the door, eliminating the need for door sweeps or door shoes

206_V

AVAILABLE FINISHES: **A, D, G**

Gray replacement vinyl is **PV22GR36**

Black replacement vinyl is **PV22BL36**

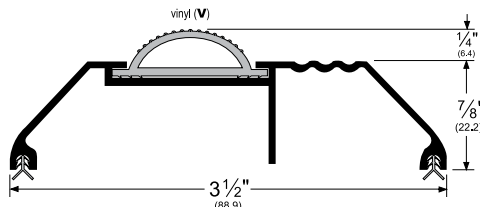


207_V

AVAILABLE FINISHES: **A, D, G**

Gray replacement vinyl is **PV22GR36**

Black replacement vinyl is **PV22BL36**



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

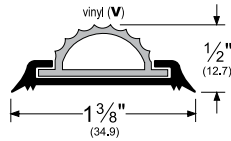
A (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized)

Vinyl Top Thresholds

208_V

AVAILABLE FINISHES: **A, D, G**

Gray replacement vinyl is **PV13GR36**

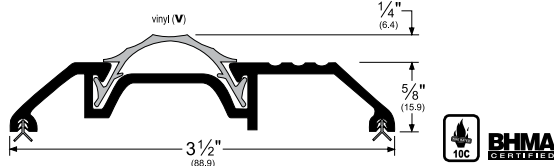


203_V

AVAILABLE FINISHES: **A, D, G**

Gray replacement vinyl is **PV11GR36**

Black replacement vinyl is **PV11BL36**

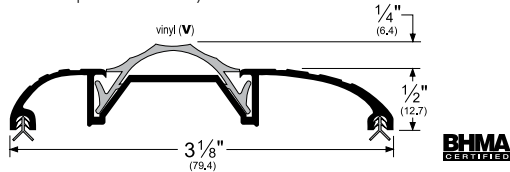


237_V

AVAILABLE FINISHES: **A, D, G**

Gray replacement vinyl is **PV11GR36**

Black replacement vinyl is **PV11BL36**

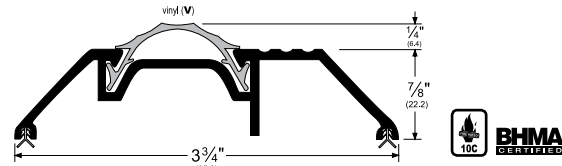


204_V

AVAILABLE FINISHES: **A, D, G**

Gray replacement vinyl is **PV11GR36**

Black replacement vinyl is **PV11BL36**

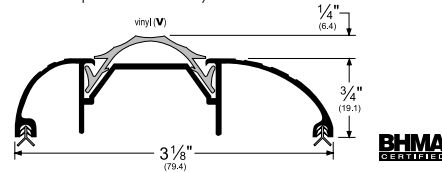


238_V

AVAILABLE FINISHES: **A, D, G**

Gray replacement vinyl is **PV11GR36**

Black replacement vinyl is **PV11BL36**



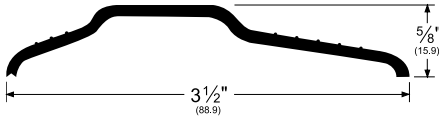
Residential Saddles

- Use a door bottom shoe or sweep with these thresholds to seal out the elements

- Made of sturdy extruded aluminum.

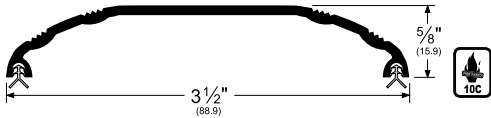
212_

AVAILABLE FINISHES: **A, BDG, D, G, PW, SN**



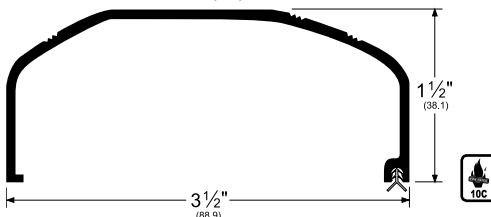
218_

AVAILABLE FINISHES: **A, BDG, D, G, PW, SN**



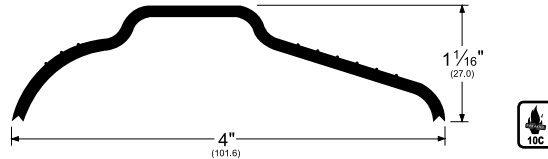
231_

AVAILABLE FINISHES: **A, D, G**



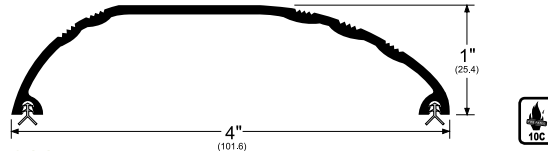
214_

AVAILABLE FINISHES: **A, BDG, D, G, PW, SN**



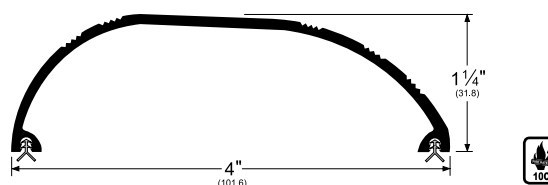
219_

AVAILABLE FINISHES: **A, BDG, D, G, PW, SN**



233_

AVAILABLE FINISHES: **A, BDG, D, G, PW, SN**



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

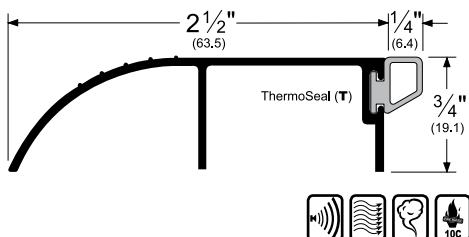
A (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized)

Bumper Thresholds For Outswing Doors

- In the closed position, the door butts up to bumper seal on threshold creating a seal against the elements

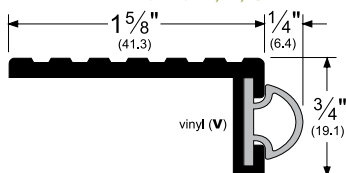
149_T

AVAILABLE FINISHES: A, BDG, D, G, PW, SN



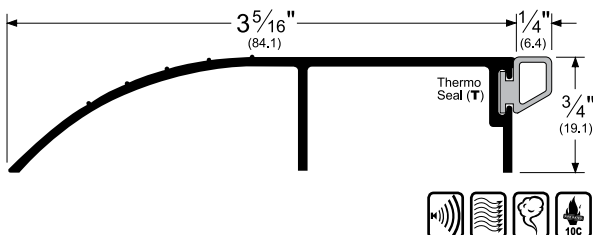
155_V

AVAILABLE FINISHES: A, D, G



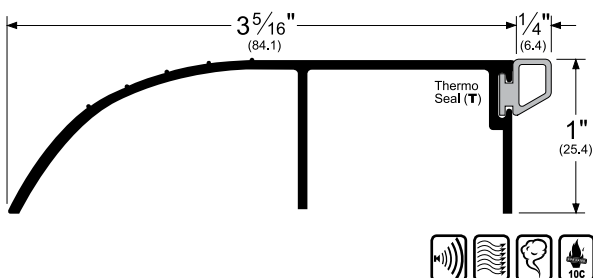
205_T

AVAILABLE FINISHES: A, D, G, PW



2051_T

AVAILABLE FINISHES: A, D, G, PW



Alternate Insert For 149

149_P

AVAILABLE FINISHES:
A, BDG, D, PW, SN



149_V

AVAILABLE FINISHES:
A, BDG, D, G, PW, SN



Alternate Insert For 205

205_P

AVAILABLE FINISHES:
A, D, PW



205_V

AVAILABLE FINISHES:
A, D, G, PW



Alternate Insert For 2051

2051_P

AVAILABLE FINISHES:
A, D, PG, PW



2051_V

AVAILABLE FINISHES:
A, D, G, PW



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized)

Squareback Thresholds

- Interior support leg flushes with interior jamb in application, allowing flooring to squarely abut threshold
- Ideal for tall terra cotta, plush carpet or stone paver entry applications for smooth transition
- Gently sloping and ribbed exterior ramp eliminates trip hazard while providing maximum rain guard. (Be sure to caulk all support legs or lay in mastic for best seal)
- Center support leg provides for engineered threshold stability

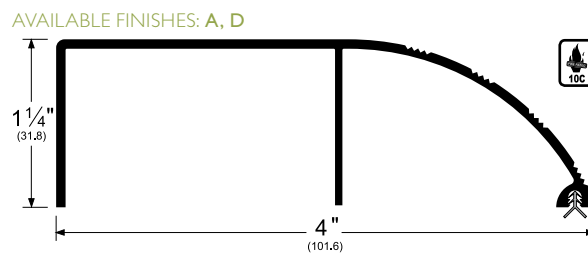
2052_

AVAILABLE FINISHES: A, D



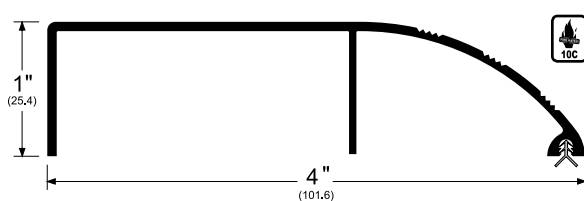
2054_

AVAILABLE FINISHES: A, D



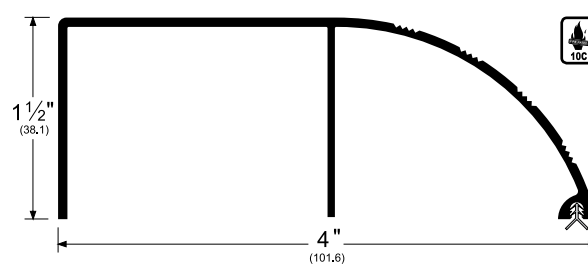
2053_

AVAILABLE FINISHES: A, D



2055_

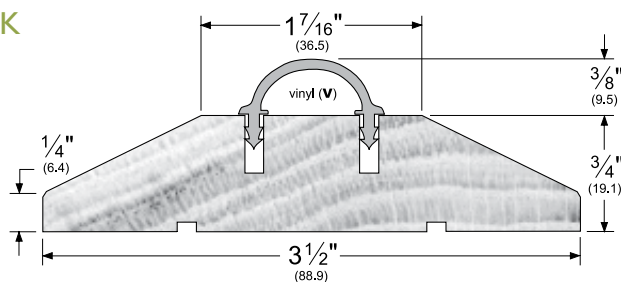
AVAILABLE FINISHES: A, BDG, D



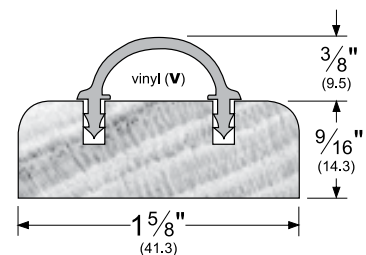
Oak Thresholds

- Natural unfinished oak provides beauty as well as thermal benefits
- Vinyl-top creates a seal at bottom of door, eliminating the need for door sweeps or door shoes
- Tan replacement vinyl for Oak Vinyl Top Thresholds is **PV83TN** (see Weatherization Products section)
- Available in 36" or 72" lengths only

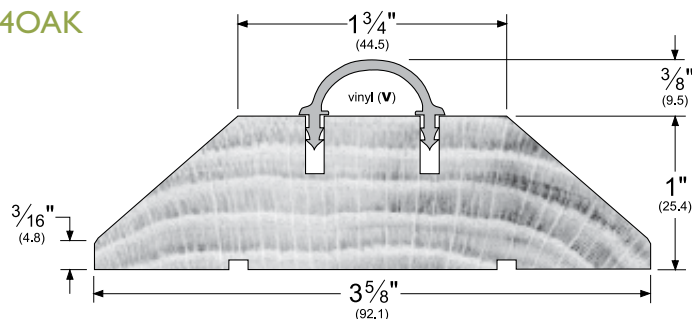
203OAK



208OAK



204OAK

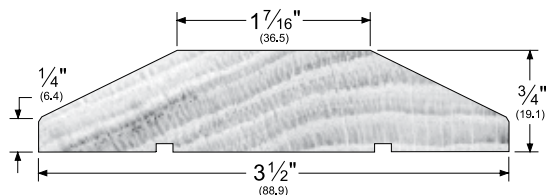


NOTE: Products shown in this section may not be drawn to scale.

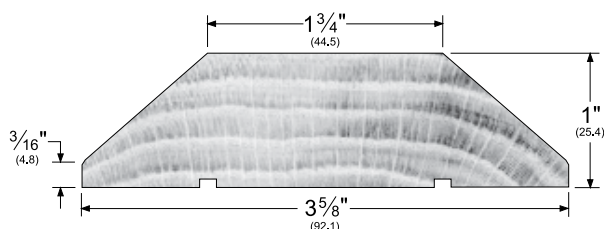
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) OAK (Natural Unfinished Oak)

Oak Thresholds (Cont.)

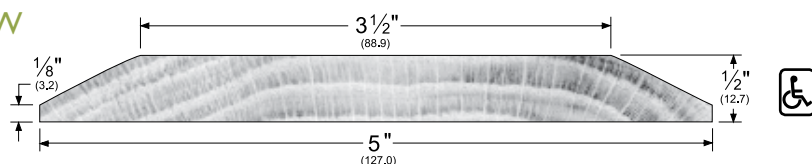
218OAK



219OAK



2500W

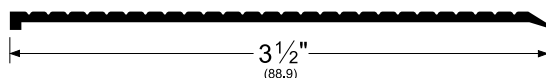


Sill Nosings

- Used to cover concrete or wood sill
- Provides an attractive finished look to new and old door openings, covering defects in existing sill
- Sill nosings are held in place with mastic and pressure from threshold placement
- Extenders are available for jambs as wide as 8 3/4"

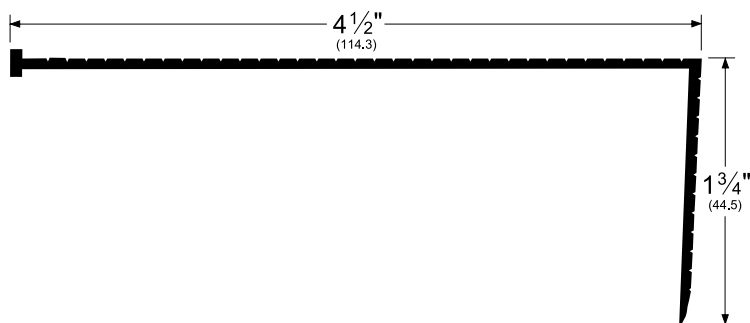
324_

AVAILABLE FINISHES: A, B, BDG, D, G, PW, SN



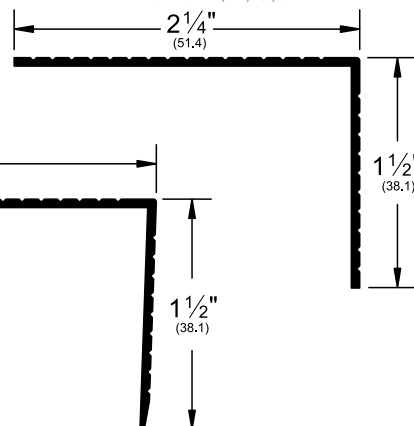
327_

AVAILABLE FINISHES: A, BDG, D, G, PW, SN



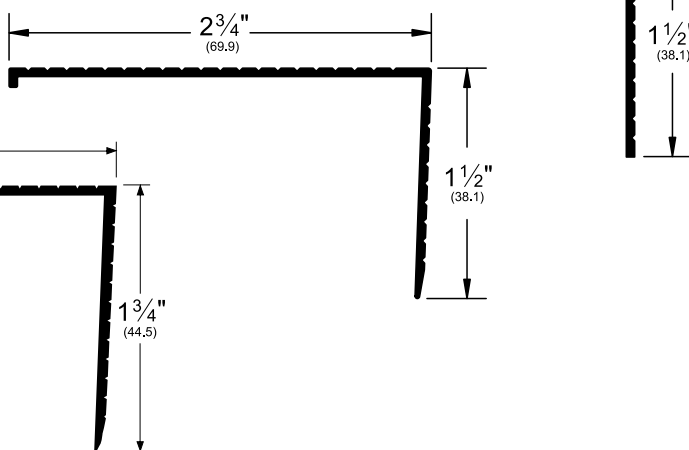
3261_

AVAILABLE FINISHES: A, D, G, SN



326_

AVAILABLE FINISHES:
A, B, BDG, D, G, PW, SN



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) G (Gold Anodized)
OAK (Natural Unfinished Oak) PW (Painted White) SN (Satin Nickel Anodized)

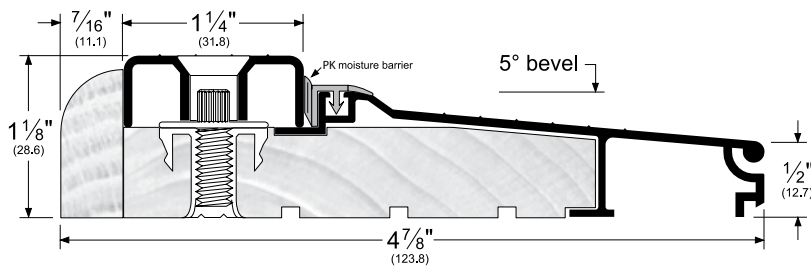
Residential Millwork Sills

- Sills for use with standard $4\frac{5}{8}$ " jamb width with easy snap-on extension for jambs as wide as $8\frac{3}{4}$ "
- For fabrication options for adjustable or fixed substrate sills, such as horning or sidelite mullion notching, contact PEMKO Customer Service
- Residential Sills are designed specifically for the pre-hung door market. They are furnished un-drilled and without screws or nails
- Adjustable up to $\frac{1}{4}$ " to compensate for uneven door bottoms and sub-sill level changes. Two-part zinc plated steel stud shoulder screw joins a long-barreled, zinc plated steel T-nut for superior stability and long-lasting reliability
- PemkoPrene (PK) moisture barrier prevents water intrusion. Design of PemkoPrene (PK) bulb configuration keeps constant pressure between aluminum cap and aluminum extrusion at any level of adjustment (Bulb shown compressed)
- Available in standard sizes 32.5", 36.5", and 73.75"

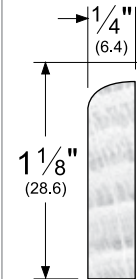
Adjustable Aluminum Top Sills

94518_

AVAILABLE FINISHES: A, BDG, D, SN

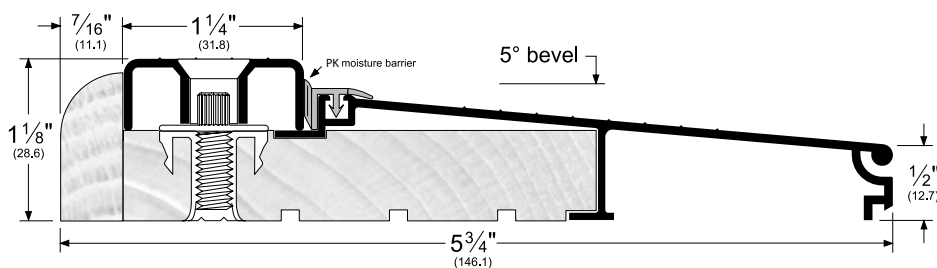


Add "NT" to the end of product number to order narrow trim (i.e. 94518A36.5NT). Full width of sill changes from $4\frac{7}{8}$ " to $4\frac{1}{16}$ ".

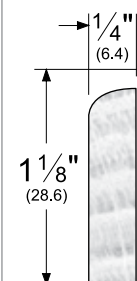


95518_

AVAILABLE FINISHES: A, BDG, D, SN



Add "NT" to the end of product number to order narrow trim (i.e. 95518A36.5NT). Full width of sill changes from $5\frac{3}{4}$ " to $5\frac{5}{16}$ ".



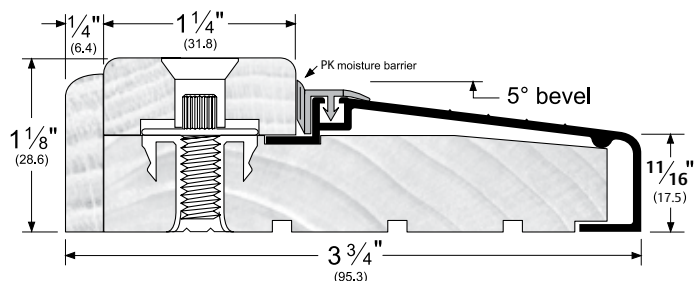
NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)

Adjustable Oak Top Sills

93518_W

AVAILABLE FINISHES: A, D



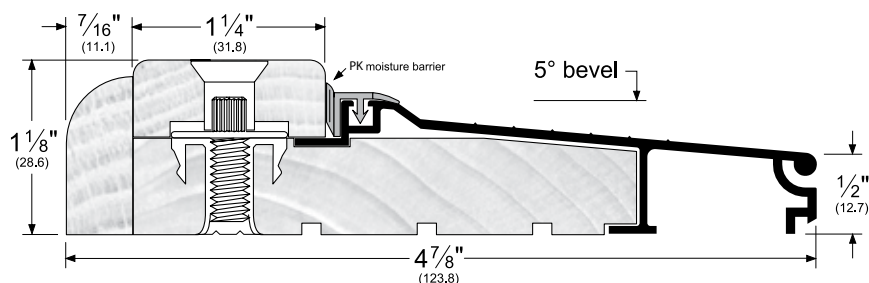
Available with optional Synthetic Wood Substrate

93518_W_SYN

AVAILABLE FINISH: A, D

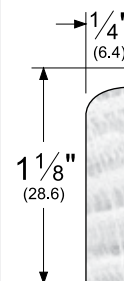
94518_W

AVAILABLE FINISHES: A, BDG, D, SN



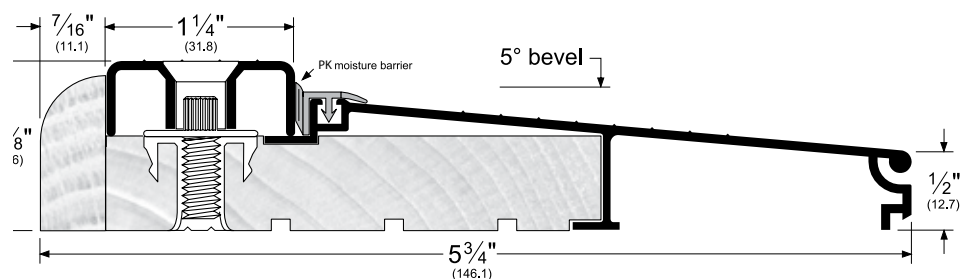
Add "NT" to the end of product number to order narrow trim (i.e. **94518AW36.5NT**).

Full width of sill changes from 4 7/8" to 4 1/4".



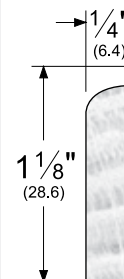
95518_W

AVAILABLE FINISHES: A, BDG, D, SN



Add "NT" to the end of product number to order narrow trim (i.e. **95518AW36.5NT**).

Full width of sill changes from 5 3/4" to 5 1/4".



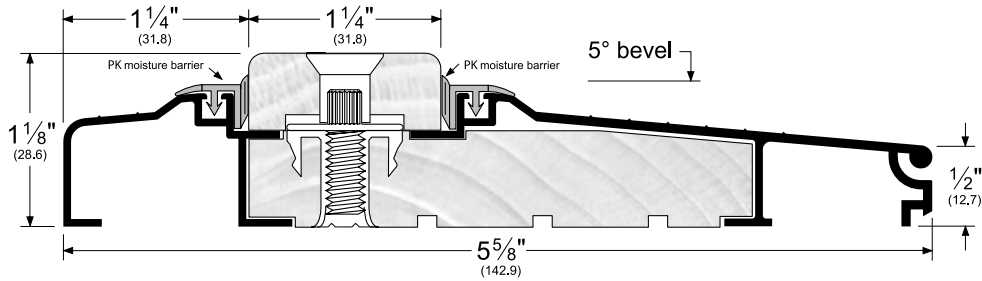
NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized) **D** (Dark Bronze Anodized) **SN** (Satin Nickel Anodized)

Outswing Adjustable Oak Top Sills

OS95518_W

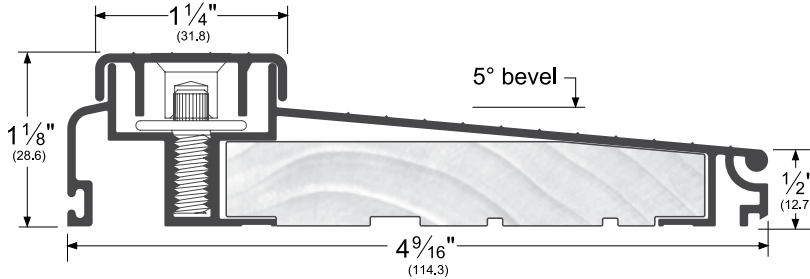
AVAILABLE FINISHES: A, BDG, D



Residential All-Aluminum Adjustable Sills

74518_

AVAILABLE FINISHES: A, BDG, D, SN



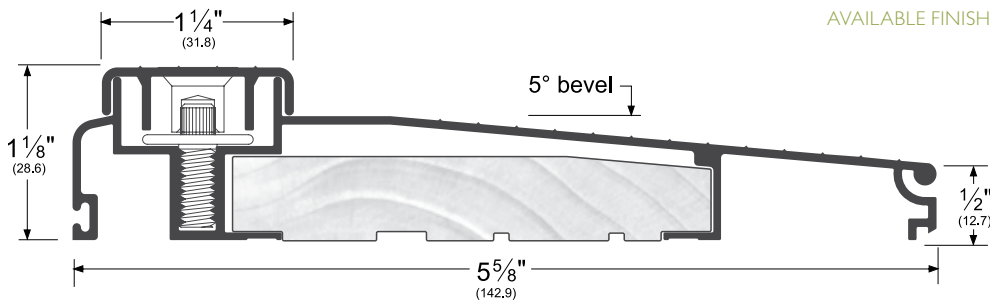
Available with optional Synthetic Wood Substrate

74518_SYN

AVAILABLE FINISHES: A, BDG, D, SN

75518_

AVAILABLE FINISHES: A, BDG, D, SN



Available with optional Synthetic Wood Substrate

75518_SYN

AVAILABLE FINISHES: A, BDG, D, SN

NOTE: Products shown in this section may not be drawn to scale.

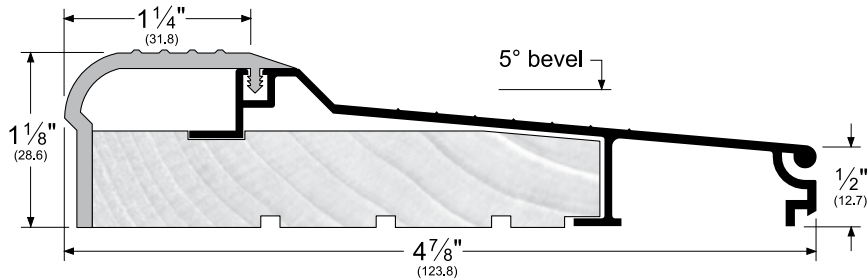
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)

Fixed Vinyl-Top Residential Sills

- Fixed rigid vinyl (V) cap includes ratchet lock feature which prevents moisture penetration and securely fastens vinyl to aluminum extrusion

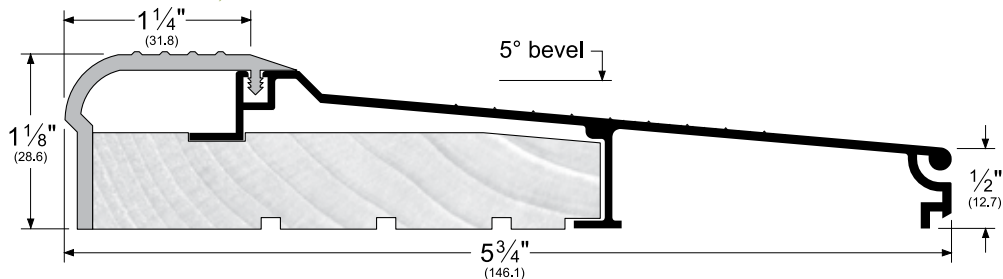
N84518_V

AVAILABLE FINISHES: A, D, SN



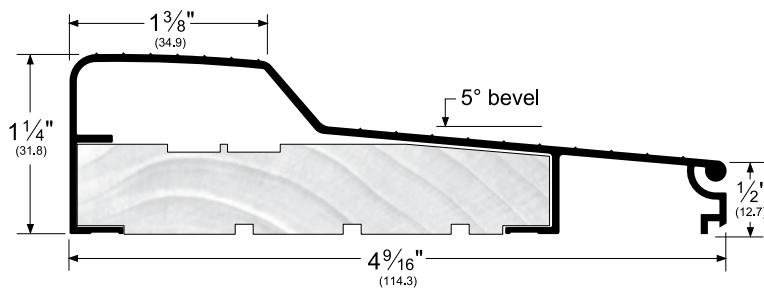
N85518_V

AVAILABLE FINISHES: A, D



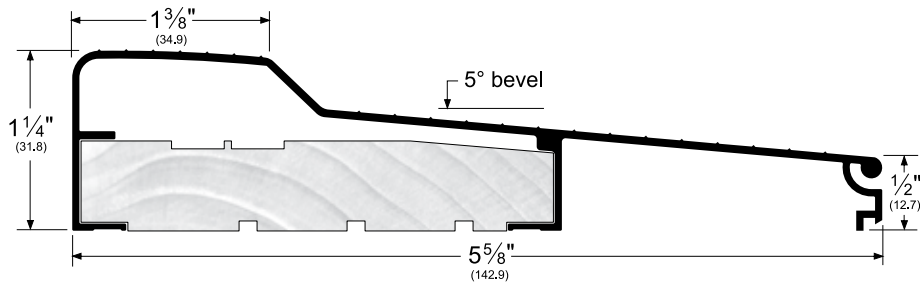
84514_

AVAILABLE FINISHES: A, BDG, D, SN



85514_

AVAILABLE FINISHES: A, BDG, D, SN



NOTE: Products shown in this section may not be drawn to scale.

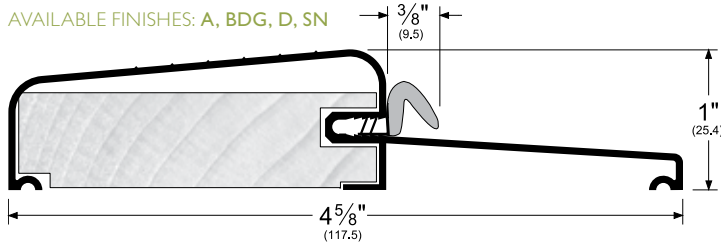
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)

Outswing Fixed Bumper Sills

- High dam design restricts water intrusion
- Extendable to interior
- Supplied with high quality Q103 (Q) kerf-in seal

8451_Q

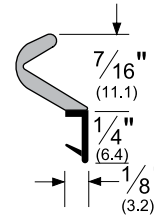
AVAILABLE FINISHES: A, BDG, D, SN



Alternate Insert for 8451 and 8452; available upon request

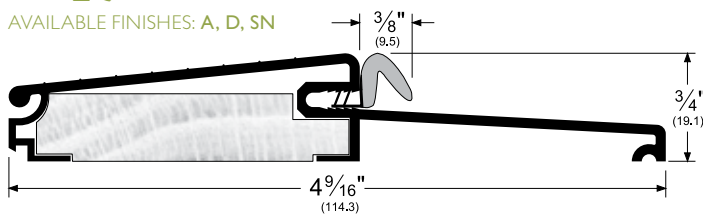
Q107_

AVAILABLE FINISHES: BL, W



8452_Q

AVAILABLE FINISHES: A, D, SN



Available with optional Synthetic Wood Substrate

8452_Q_SYN

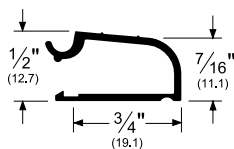
AVAILABLE FINISHES: A, D, SN

Extenders For All Residential Sills

- Extenders fit all 4 7/8" wide and 5 3/4" wide extrusions

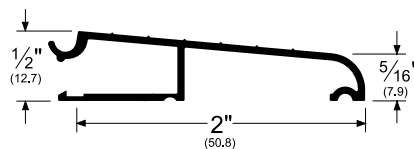
EXT3/4_

AVAILABLE FINISHES:
A, BDG, D, SN



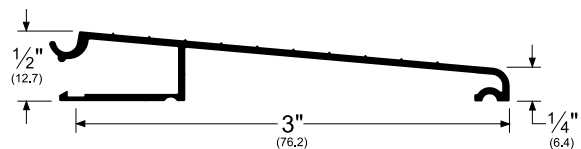
EXT2_

AVAILABLE FINISHES:
A, BDG, D, SN



EXT3_

AVAILABLE FINISHES:
A, BDG, D, SN



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) SN (Satin Nickel Anodized)

Bumper Thresho-Sills For Outswing Doors

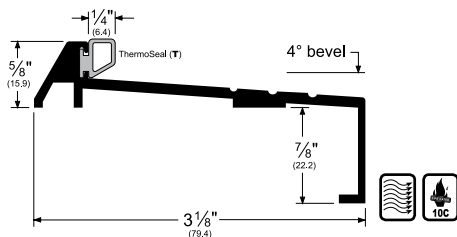
- Please specify whether the part is to be used for a standard threshold or for a prehung application. For a standard threshold application, the part is supplied with 3 holes on center and 1/2" over net length

(less than 48") or 1" over net length (48" and over). For a prehung application, the part is supplied according to fabrication options for thresho-sills - **STYLE 4** only (see page RT-16).

165_T

AVAILABLE FINISHES:
A, D

Allow 3/8" door clearance.



Alternate Insert For 165

165_V

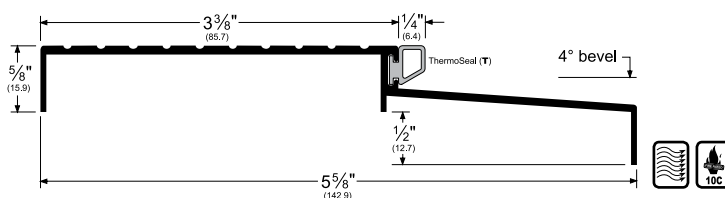
AVAILABLE FINISHES:
A, D



153_T

AVAILABLE FINISHES:
A, BDG, D, G, SN

Allow 3/8" door clearance



Alternate Insert For 153

153_V

AVAILABLE FINISHES:
A, BDG, D, G, SN

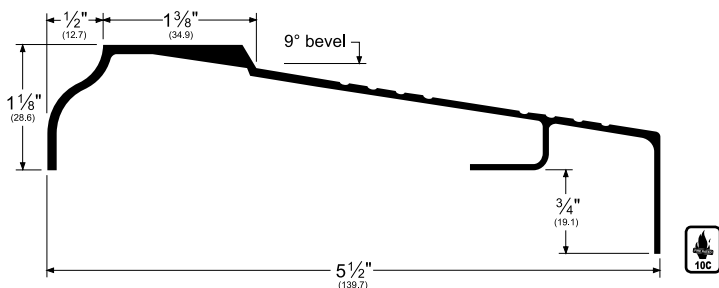


Thresho-Sills

- The following products are designed specifically for the prehung door market
- See fabrication options for thresho-sills (see page RT-16) for complete information and drawings regarding milling, drilling and notching

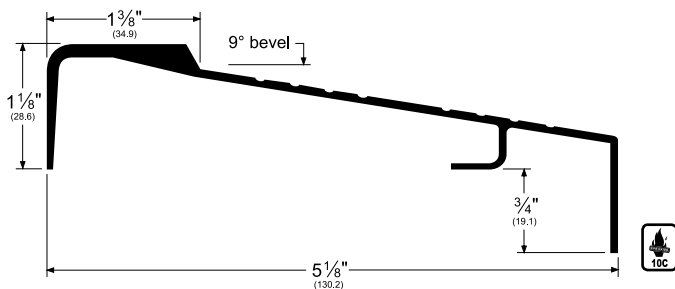
160_

AVAILABLE FINISHES: **A, D, G, PW**



160_M

AVAILABLE FINISHES: **A, BDG, D, G, PW, SN**



NOTE: Products shown in this section may not be drawn to scale.

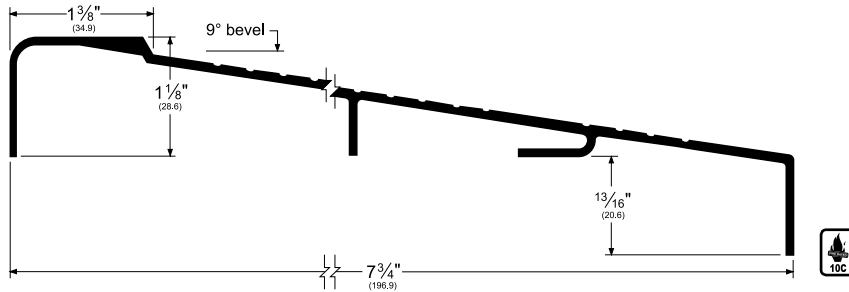
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized)
PW (Painted White) **SN** (Satin Nickel Anodized)

Thresho-Sills (Cont.)

161_M

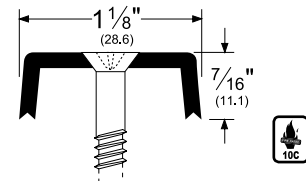
AVAILABLE FINISHES: A, BDG, D, G, PW, SN



167_

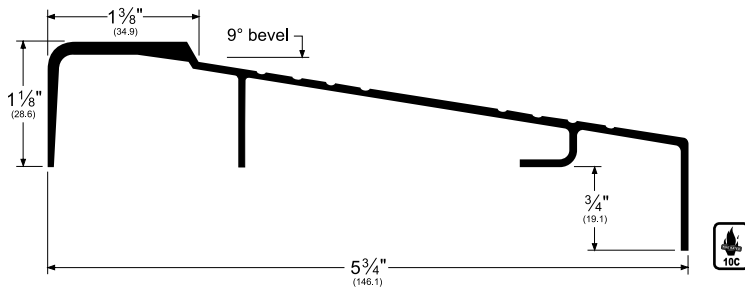
AVAILABLE FINISHES: A, D, G

- Riser fastens to top of any thresho-sill
- Supplied with both wood and sheet metal screws
- Specify NET length when ordering



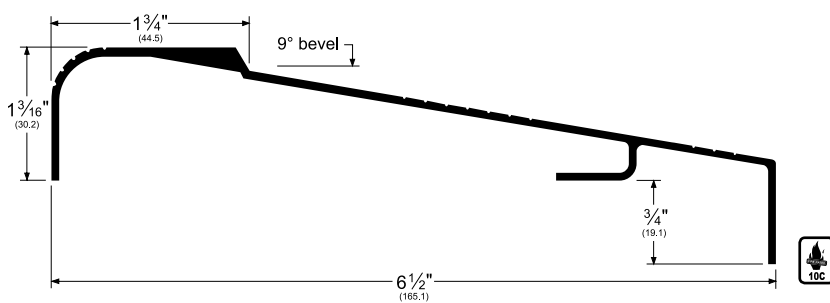
163_M

AVAILABLE FINISHES: A, BDG, D, G, PW, SN



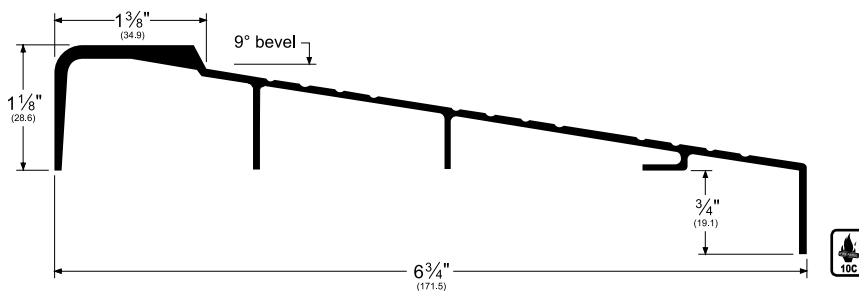
164_M

AVAILABLE FINISHES: A, BDG, D, G, PW



140_M

AVAILABLE FINISHES: A, BDG, D, G, PW, SN



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized)

Fabrication Options For Thresho-Sills

STYLE 3A (standard mill)

- **Fabrication includes:** $\frac{3}{4}$ " mill each end, 3 nail holes at each end, and one center screw
- **Preparation:** Cut jamb $\frac{3}{4}$ " at angle and height of threshold. Nail threshold to underside of jamb
- **Ordering:** Add $1\frac{1}{2}$ " to net opening dimension and designate **Style 3A** by adding "M" following product number

(Example: A 160_M profile for a 36" net opening with a **STYLE 3A** fabrication = 160_MM37.5)

STYLE 3B (modification of STYLE 3A)

- **Fabrication includes:** $\frac{3}{8}$ " mill each end, 3 nail holes at each end, and one center screw
- **Preparation:** Cut jamb $\frac{3}{8}$ " at angle and height of threshold. Nail threshold to underside of jamb
- **Ordering:** Add $\frac{3}{4}$ " to net opening dimension and designate **STYLE 3B** by adding "M" following product number

(Example: A 160_M profile for a 36" net opening with a **STYLE 3B** fabrication = 160_MM36.75)

STYLE 3C (modification of STYLE 3A)

- **Fabrication includes:** $\frac{1}{2}$ " mill each end, 3 nail holes at each end, and one center screw
- **Preparation:** Cut jamb $\frac{1}{2}$ " at angle and height of threshold. Nail threshold to underside of jamb
- **Ordering:** Add 1" to net opening dimension and designate **STYLE 3C** by adding "M" following product number

(Example: A 160_M profile for a 36" net opening with a **STYLE 3C** fabrication = 160_MM37)

STYLE 4

- **Fabrication includes:** 2 nail holes at each end and one center screw
- **Preparation:** Rabbet stop to angle and height of threshold. Nail threshold to underside of stop
- **Ordering:** Order net opening dimension and designate **STYLE 4** by adding "H" following the product number

(Example: A 160_M profile for a 36" net opening with a **STYLE 4** fabrication = 160_MH36)

L-NOTCH

- Accommodates trim molding by notching corner of product
- **Fabrication:** Customer must supply diagram indicating location and dimensions of **L-NOTCH** (see drawing)
- PEMKO Customer Service can provide form to fill in location and dimensions
- **Ordering:** Specify "**L-NOTCH**". After fabrication, orders are non-cancellable and non-returnable

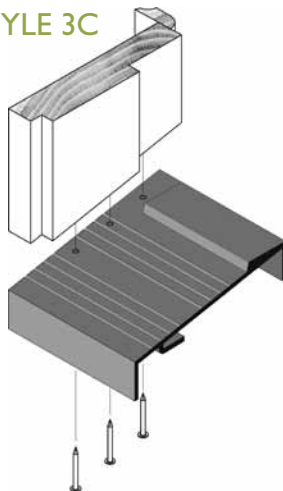
U-NOTCH

- For use with pre-installed door frames, to "drop-in" around door frame stops
- **Fabrication:** Customers must supply diagram indicating location and dimensions of **U-NOTCH** cut-out
- PEMKO Customer Service can provide form to fill in location and dimensions
- **Ordering:** Specify "**U-NOTCH**". After fabrication, orders are non-cancellable and non-returnable

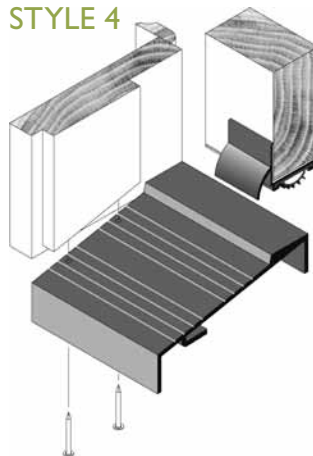
STYLE 3A

STYLE 3B

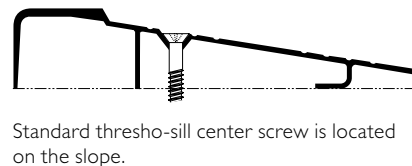
STYLE 3C



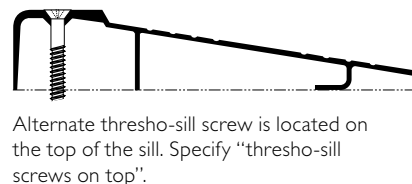
STYLE 4



Screw Location

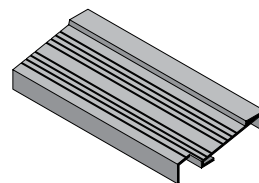


Standard thresho-sill center screw is located on the slope.

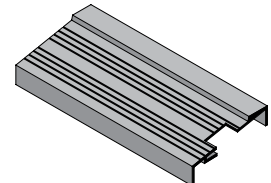


Alternate thresho-sill screw is located on the top of the sill. Specify "thresho-sill screws on top".

L-NOTCH



U-NOTCH





FLOOR MOLDING, TRIM & HANDYSHAPES™

CONTENTS:

Carpet Bar - Standard.....	FM-2
Seam Binding.....	FM-2
Stair Nosing.....	FM-2
Edging.....	FM-2
Coves.....	FM-2
Oak Floor Edging.....	FM-3
Oak Seam Binding.....	FM-3
Oak Carpet Trim.....	FM-3
HandyShapes™ - Flat Bar.....	FM-4
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HandyShapes™ - U-Channel.....	FM-4

INDEX:

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
2120.....	FM-2	2300W.....	FM-3	2913.....	FM-4
2131.....	FM-2	2350W.....	FM-3	2917.....	FM-4
2132.....	FM-2	2408.....	FM-2	2925.....	FM-4
2132W.....	FM-3	2500W.....	FM-3	2933.....	FM-4
2133W.....	FM-3	2604.....	FM-2	2945.....	FM-4
2134.....	FM-2	2604W.....	FM-3	2949.....	FM-4
2175W.....	FM-3	2897.....	FM-4	2953.....	FM-4
2218.....	FM-2	2899.....	FM-4		
2219.....	FM-2	2901.....	FM-4		
2219W.....	FM-3	2905.....	FM-4		
2250W.....	FM-3	2909.....	FM-4		

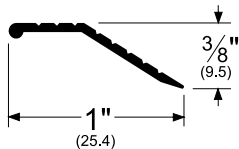
Carpet Bar - Standard

- Carpet Bars protect and provide a neat trim for the edge of carpet

2131_

AVAILABLE FINISHES: **A, G**
 AVAILABLE LENGTHS: 36", 72"

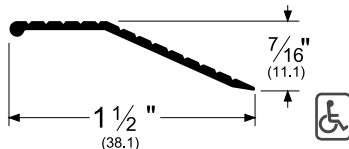
Provided with drive nails



2132_

AVAILABLE FINISHES: **A, G**
 AVAILABLE LENGTHS: 36", 72"

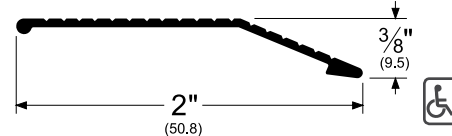
Provided with drive nails



2134_

AVAILABLE FINISHES: **A, G**
 AVAILABLE LENGTHS: 36", 72"

Provided with drive nails



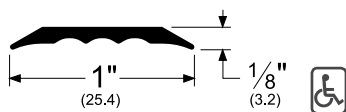
Seam Binding

- Covers seams and joins in linoleum, tile, carpet, and other floor coverings

2218_

AVAILABLE FINISHES: **A, G**
 AVAILABLE LENGTHS: 36", 72"

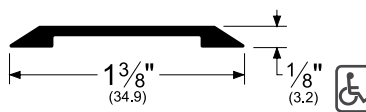
Provided with drive nails



2219_

AVAILABLE FINISHES: **A, G**
 AVAILABLE LENGTHS: 36", 72"

Provided with drive nails



Stair Nosing

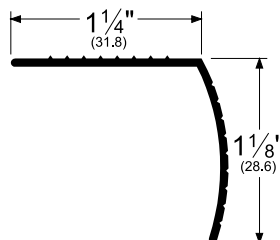
- Protects and improves the appearance of stair edges

2120_

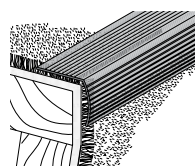
AVAILABLE FINISHES: **A, G**
 AVAILABLE LENGTHS: 36", 72"

Provided with drive nails

Ribbed top surface and fluted face



Typical Installation



2120_ shown installed

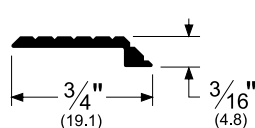
Edging

- Protects and provides neat trim for edge of linoleum, tile, and other floor coverings

2604_

AVAILABLE FINISHES: **A, G**
 AVAILABLE LENGTHS: 36", 72"

Provided with screw nails



Typical Installation



2604_ shown installed.

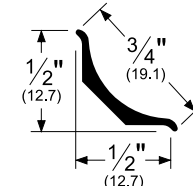
Coves

- Provides a concave surface for interior corners for smooth appearance and easy cleaning

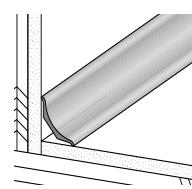
2408_

AVAILABLE FINISH: **C**
 AVAILABLE LENGTH: 72"

Provided with screw nails



Typical Installation



2408_ on wall.

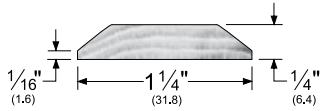
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **C** (Clear Anodized) **G** (Gold Anodized)

Oak Seam Binding

- Oak Seam Binding covers seams between wood, tile, linoleum and other surfaces

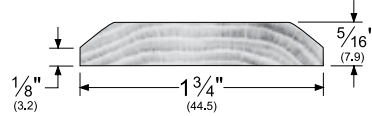
2219W

AVAILABLE LENGTHS: 36", 72"



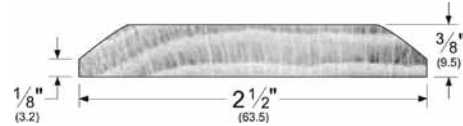
2175W

AVAILABLE LENGTHS: 36", 72"



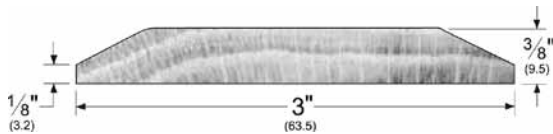
2250W

AVAILABLE LENGTHS: 36", 72"



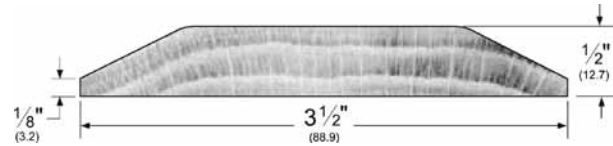
2300W

AVAILABLE LENGTHS: 36", 72"



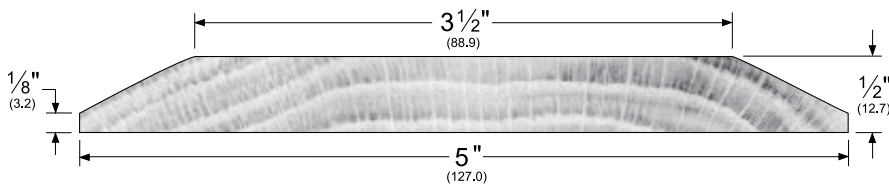
2350W

AVAILABLE LENGTH: 36"



2500W

AVAILABLE LENGTHS: 36", 72"

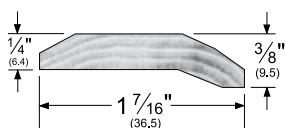


Oak Carpet Trim

- Oak Carpet Trim covers, protects and beautifies carpet edges
- Also covers seams between two surfaces of different height
- Oak is provided unfinished with countersunk holes and brass plated screws

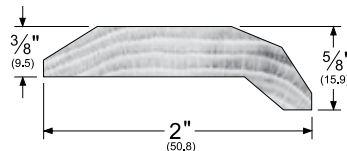
2132W

AVAILABLE FINISH: **W**
AVAILABLE LENGTHS: 36", 72"



2133W

AVAILABLE FINISH: **W**
AVAILABLE LENGTHS: 36", 72"

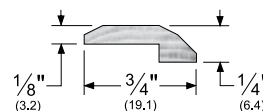


Oak Floor Edging

- Covers, protects, and provides a neat trim for edges of wood, tile, linoleum, and other surfaces
- Oak is provided unfinished with countersunk holes and brass plated screws

2604W

AVAILABLE FINISH: **W**
AVAILABLE LENGTHS: 36", 72"

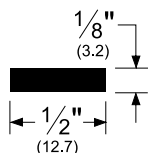


AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) **C** (Clear Anodized) **G** (Gold Anodized)

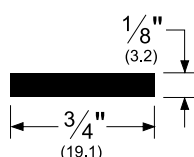
HandyShapes™ - Flat Bar

- Available in Clear Anod Aluminum (C) in 96" lengths only

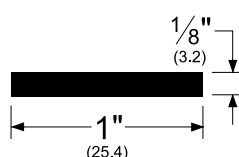
2945_



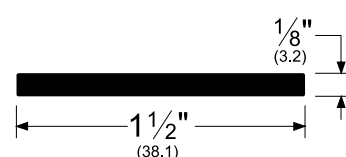
2949_



2953_



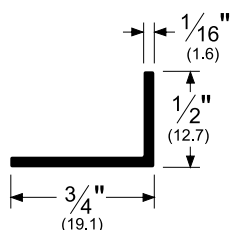
2959_



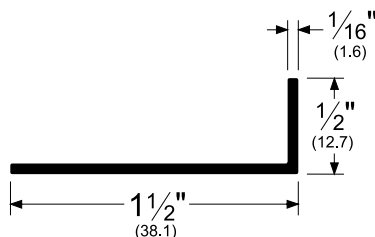
HandyShapes™ - Angles

- Available in Clear Anod Aluminum (C) in 96" lengths only

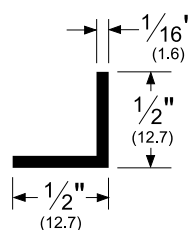
2897_



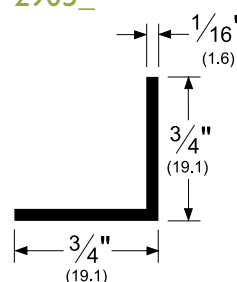
2899_



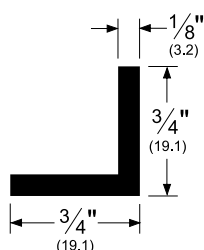
2901_



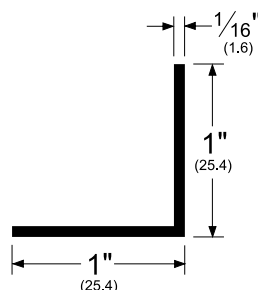
2905_



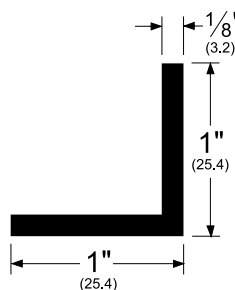
2909_



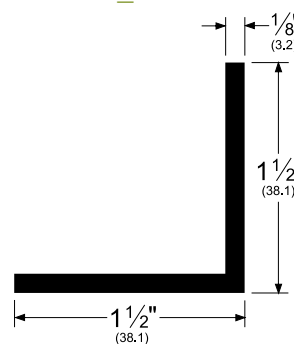
2913_



2917_



2925_

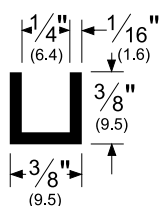


HandyShapes™

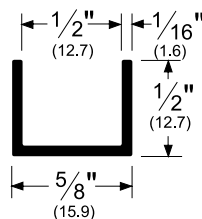
U-Channel

- Available in Clear Anod Aluminum (C) in 72" and 96" lengths only

2933_



2937_



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
W (Solid Oak)

WEATHERIZATION PRODUCTS

CONTENTS:

Foam and Neoprene Tape.....	WP-2 - WP-3
Vinyl Tape.....	WP-3
Hemmed Vinyl and Replacement Vinyl.....	WP-4

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30AV	WP-4	P364R6	WP-4	P480	WP-2
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P39C80.....	WP-3	P366V6.....	WP-4	P485	WP-3
P5B7	WP-4	P380	WP-3	P490	WP-2
P240	WP-2	P38	WP-3	P49	WP-2
P24	WP-2	P384	WP-3	P493	WP-2
P24-30.....	WP-2	P385	WP-2	P497	WP-2
P242	WP-2	P386	WP-2	P497	WP-2
P243	WP-2	P387	WP-3	P5BL7	WP-4
P244	WP-2	P388	WP-3	PV9GR36.....	WP-4
P260	WP-2	P390	WP-2	PVGR36.....	WP-4
P26	WP-2	P39	WP-2	PV3GR36.....	WP-4
P262	WP-2	P392	WP-2	PV5GR36.....	WP-4
P263	WP-2	P393	WP-2	PV22BL36	WP-4
P264	WP-2	P394	WP-2	PV22GR36.....	WP-4
P265	WP-2	P396	WP-2	PV64GR36.....	WP-4
P266	WP-2	P397	WP-2	PV83TN36	WP-4
P36V6.....	WP-4	P398	WP-2		

Open Cell Polyurethane Foam Tape

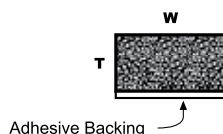
- Easily compressible self-adhesive weatherstrip

Product #	Color	Thickness (T)		Width (W)		Length
P390	Gray	3/16"	×	3/8"	×	17'
P391	White	1/4"	×	3/8"	×	17'
P392	Gray	3/8"	×	3/8"	×	17'
P393	Gray	1/2"	×	1/2"	×	17'
P394	Gray	1/2"	×	3/4"	×	17'
P396	Charcoal	1/4"	×	1/2"	×	17'
P397	White	1/8"	×	3/8"	×	17'
P398	Gray	1/4"	×	3/4"	×	17'

Suggested Installation



Open Cell Foam Tape installed on casement window.

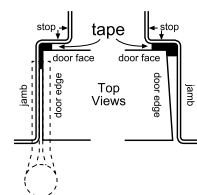


Closed Cell Soft PVC Foam Tape

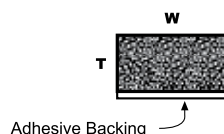
- Flexible, conformable, and softly compressible self-adhesive weatherstrip
- Highly resilient: resists ultraviolet, oxygen and moisture degradation
- Seals against air and water, around doors and windows

Product #	Color	Thickness (T)		Width (W)		Length
P240	Gray	1/8"	×	1/4"	×	17'
P241	Gray	3/16"	×	3/8"	×	17'
P241-30	Gray	3/16"	×	3/8"	×	30'
P242	Gray	1/4"	×	3/8"	×	17'
P243	Gray	3/8"	×	3/8"	×	17'
P244	Gray	3/8"	×	3/4"	×	17'

Suggested Installation



Top view of Closed Cell PVC Soft Foam Tape installed on door opening.

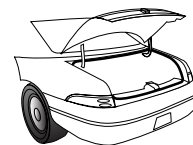


Closed Cell Firm PVC Foam Tape

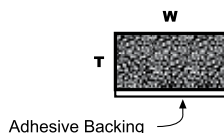
- Moderately compressible self-adhesive weatherstrip

Product #	Color	Thickness (T)		Width (W)		Length
P260	Black	1/8"	×	1/4"	×	17'
P261	Black	3/16"	×	3/8"	×	17'
P262	Black	3/16"	×	3/4"	×	17'
P263	Black	5/16"	×	3/8"	×	10'
P264	Black	5/16"	×	3/4"	×	10'
P265	Black	7/16"	×	3/8"	×	10'
P266	Black	7/16"	×	3/4"	×	10'
P385	Gray	1/4"	×	1/2"	×	10'
P386	Gray	1/4"	×	3/4"	×	10'

Suggested Installation



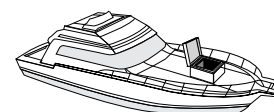
Closed Cell PVC Firm Foam Tape installed as car trunk weatherstrip.



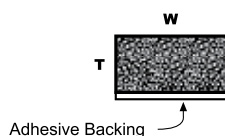
EPDM Sponge Neoprene Tape

- Slightly compressible self-adhesive weatherstrip
- Resists deterioration and remains flexible at sub-zero temperatures
- Superior product for weatherstripping doors, windows, hatchways, lids and covers

Suggested Installation



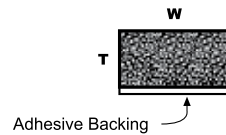
EPDM Sponge Neoprene Tape installed as boat hatch weatherstrip



Closed Cell Sponge Neoprene Tape

- Superior product for weatherstripping homes, cars, trucks and boats
- Remains flexible at high and low temperatures
- Resists deterioration from oily substances

Product #	Color	Thickness (T)		Width (W)		Length
P380	Black	3/16"	×	3/8"	×	10'
P381	Black	5/16"	×	3/8"	×	10'
P384	Black	7/16"	×	3/4"	×	10'
P387	Black	3/16"	×	3/4"	×	10'
P388	Black	5/16"	×	1/2"	×	10'
P484	Black	7/16"	×	3/8"	×	10'



Suggested Installation

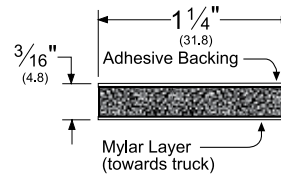


Closed Cell Sponge Neoprene Tape installed as car door weatherstrip.

Closed Cell Sponge Vinyl Camper Tape

- Mylar-backed tape cushions between camper and truck

Product #	Color	Thickness (T)		Width (W)		Length
P480	Gray	3/16"	×	1 1/4"	×	30'



Suggested Installation

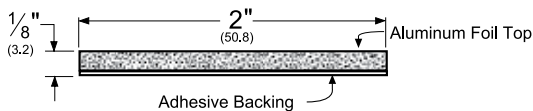


Sponge Vinyl Camper Tape installed as seal between camper and truck bed

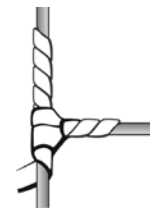
Closed Cell Foam Pipe Wrap Tape

- Aluminum foil-backed tape reduces heat loss in water pipes; prevents condensation and helps reduce air loss in heater when used on joints

Product #	Color	Thickness (T)		Width (W)		Length
P485	Gray	1/8"	×	2"	×	15'



Suggested Installation

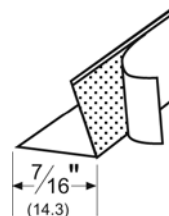


Closed Cell Foam Pipe Wrap Tape installed on pipe and pipe joint

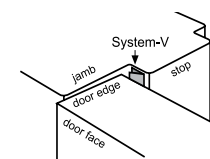
System-V Weatherstrip Tape

- Compression adhesive weatherstrip is easy to install and seals out air, dust and sound

Product #	Color	Width		Length
P39C17	Clear	7/8"	×	17'
P39C180	Clear	7/8"	×	180'



Suggested Installation



System-V Weatherstrip Tape installed onto door jamb stop

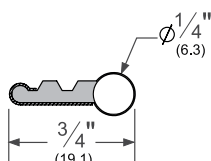
For more weatherstripping products (such as **PK33**, **PK55** and **S88**) see pages AG-2 through AG-4 in the Adhesive Gasketing Section.

Hemmed Vinyl and Garage Weatherstrip

- Vinyl bulb weatherstrip, retained in flexible aluminum
- Nail to door stops and window stops to block drafts and air infiltration
- Nails included
- Fills gaps up to 1/4"

Hemmed Vinyl Weatherstrip

Product #	Material	Thickness	Width	Length
301AV	Vinyl	1/8"	3/4" x	17'

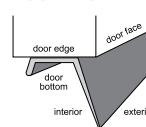


Garage Door Weatherstrip

- All garage door weatherstrips are furnished with roofing nails

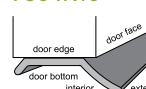
Product #	Color	Height	Width	Length
P361V16	Black	1 1/2"	1" x	16'
P364R16	Black	3/4"	2 1/4" x	16'
P365V16	Gray	1 3/4"	5/8" x	16'
P366V16	Black	5/8"	1 1/2" x	16'

P361V16



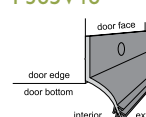
- Nails to door edge, bottom or jamb, closing gaps up to 1 1/2"

P364R16



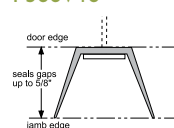
- Nails to door bottom, closing gaps up to 5/8"

P365V16



- Nails to door edge, bottom or face, closing gaps up to 1 3/4"

P366V16

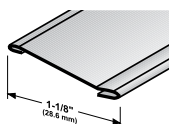


- Nails to door edge, jamb edge, or door bottom

Spring Bronze Weatherstrip

- For use on wood doors and wood casement windows
- .008" hemmed spring bronze (brass)
- Packaged with nails. Nails should be approximately 1 1/2" on center

Product #	Material	Width	Length
P51B17	Bronze	1 1/8"	17'

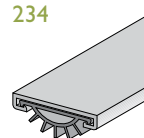


Replacement Vinyl

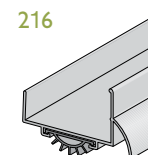
Door Shoe Replacement Vinyl

Product #	Color	Used In (PEMKO Product Numbers):
PV9BL36	Black	210, 211, 215, 216, 217, 220, 221, 222, 234, 2211, 2221
PV9GR36	Gray	210, 211, 215, 216, 217, 220, 221, 222, 234, 2211, 2221
PV15GR36	Gray	209

234



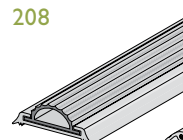
216



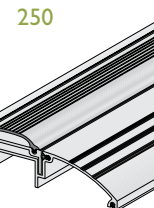
Threshold Replacement Vinyl

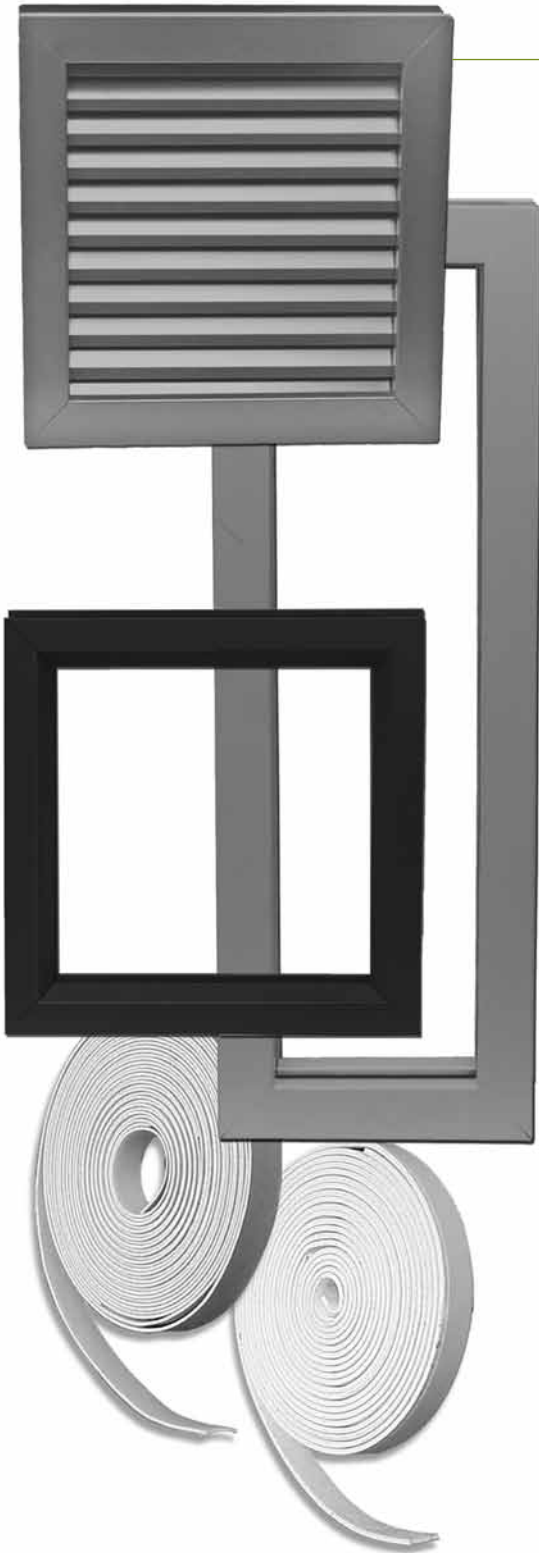
Product #	Color	Used In (PEMKO Product Numbers):
PV11GR36	Gray, Black	203, 204, 237 238
PV13GR36	Gray, Black	208
PV22BL36	Black	206, 207
PV22GR36	Gray	206, 207
PV64GR36	Gray	249, 250
PV83TN36	Tan	203OAK36: 72", 204OAK36: 72", 208OAK36

208



250





LITES & LOUVERS

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Low Profile - Beveled Lite Kit.....	LL-3-LL-4
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Grills/Vision Lites For 90° Lite Kit.....	LL-7
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FG3000S90	LL-10	G-10	LL-7	LT-S1	LL-5
G-2	LL-7	G-12	LL-7	LT-S2	LL-6
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G-4	LL-7	HSS2000	LL-15	LT-S4	LL-6
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G-6	LL-7	LT-B2	LL-4	LV-IY	LL-8
G-8	LL-7	LT-B3	LL-4		

Ordering Information

The following information is necessary for ordering (quantities are not included in product numbers):

Quantity Series Finish Size
10 LT-B1 B 3 x 33

Example: **LT-B1 | B | 10X10** (Shown as **LT-B1_** in catalog)

↓ ↓ ↓
Profile #: Finish: Size/Length:
LT-B1 B 10x10 = 10" width x 10" height
LV-FL G 18x18 = 18" width x 18" height

Specify exposed or cutout dimensions

	Exposed Glass Dimensions		Cutout Dimensions
LT-B1	10" x 10"	CO-B1	12" x 12"
LT-B1	16" x 16"	CO-B1	18" x 18"
LT-B1	5" x 20"	CO-B1	7" x 22"
LT-B1	22" x 22"	CO-B1	24" x 24"
LT-B1	4" x 25"	CO-B1	6" x 27"
LT-B1	16" x 28"	CO-B1	18" x 30"
LT-B1	22" x 28"	CO-B1	24" x 30"
LT-B1	6" x 30"	CO-B1	8" x 32"
LT-B1	22" x 30"	CO-B1	24" x 32"
LT-B1	22" x 32"	CO-B1	24" x 34"
LT-B1	3" x 33"	CO-B1	5" x 35"
LT-B1	16" x 34"	CO-B1	18" x 36"
LT-B1	22" x 34"	CO-B1	24" x 36"
LT-B1	22" x 58"	CO-B1	24" x 60"

Features/Finishes

PEMKO lites and louvers are finished with polyester resin powder coat in the following standard colors:

B - Beige

D - Dark Bronze Duranodic

G - Gray Primer

- Other colors are available. Sample chip required for color match
- PEMKO lites and louvers are made from A40 galvanized steel for additional corrosion protection

Options

- Security Fasteners
- Security Grilles (Square Kits ONLY)
- 304 Stainless Steel with #4 finish

Low Profile - Beveled Lite Kit

The LT-B1 Lite Kit provides a wide viewing angle. For use with glazing material requiring a $\frac{3}{8}$ " pocket in $1\frac{3}{4}$ " wood or metal doors. The LT-B1 installs without drilling holes through the door for quick installation. The hemmed design is a flush mounted assembly and is ideal for clean environments.

Standard Features

Materials:

20 gauge galvanized hemmed design with $\frac{3}{8}$ " glazing pocket

Fasteners:

#8 x $1\frac{3}{4}$ " O.H.S.M.S.

Dimensions:

- Minimum width - 2" exposed glass
- Maximum height - 69" exposed glass

Other:

- Mitered and welded clean corner construction
- 37 degree beveled glass stops

Fire Rating:

Classified in accordance with UBC code standard 7-2 for positive pressure



Optional Features:

Materials:

304 - #4 stainless steel in 20 gauge material

Finish:

Custom powder coated finishes (sample chip must accompany order)

Fasteners:

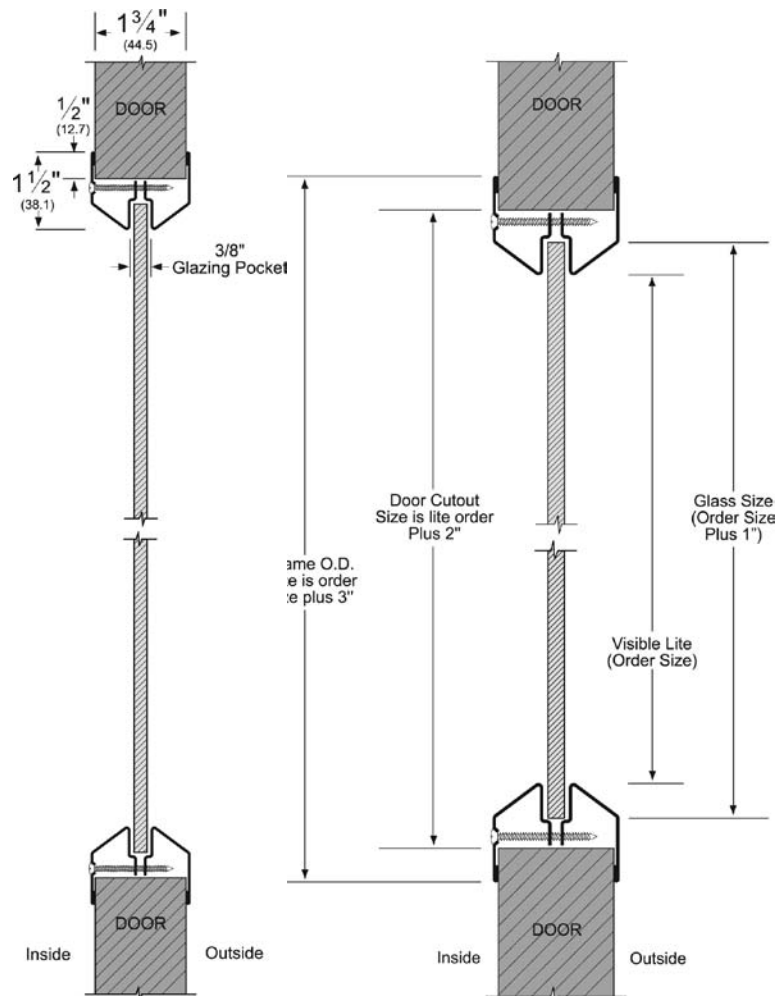
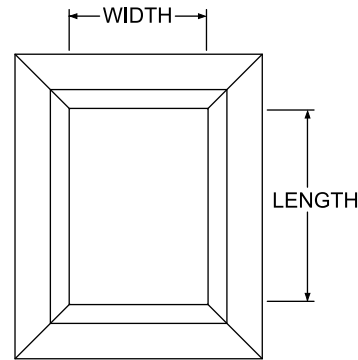
Security fasteners

Other:

- Glazing tape
- Custom glass sizes

LT-B1_

AVAILABLE FINISHES: B, D, G



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Beige Powder Coat) • D (Dark Bronze Duranodic Powder Coat) • G (Gray Primer Powder Coat)

Low Profile - Beveled Lite Kit (Cont.)

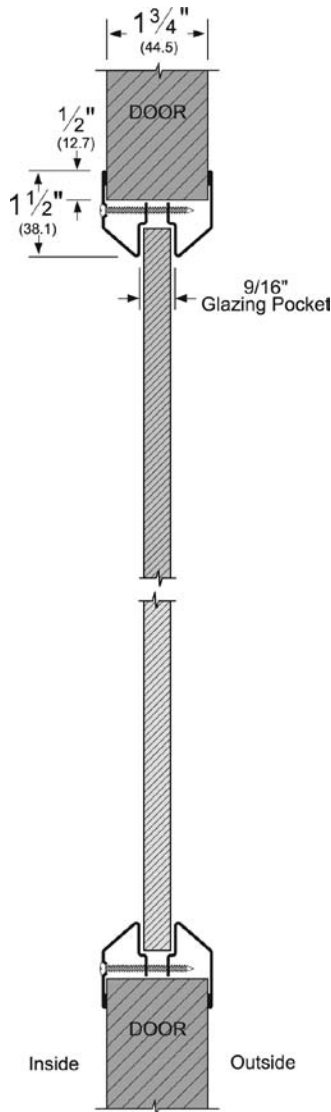
LT-B2

AVAILABLE FINISHES: **B, D, G**

Standard Features

Materials:

20 gauge galvanized hemless design with $\frac{9}{16}$ " glazing pocket



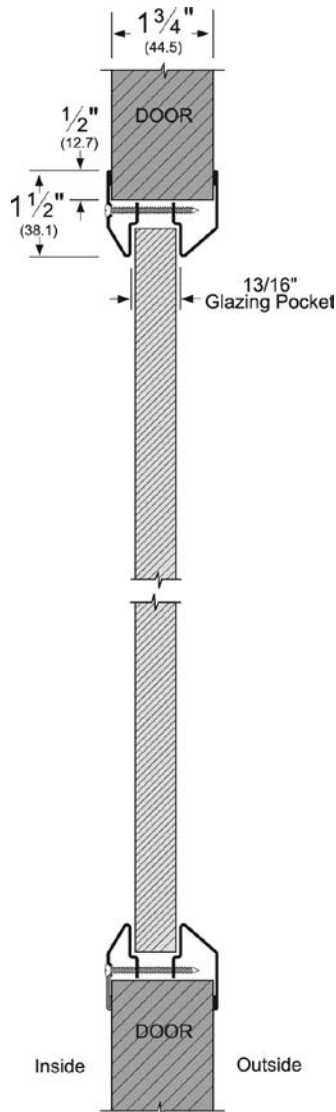
LT-B3

AVAILABLE FINISHES: **B, D, G**

Standard Features

Materials:

20 gauge galvanized hemless design with $\frac{13}{16}$ " glazing pocket



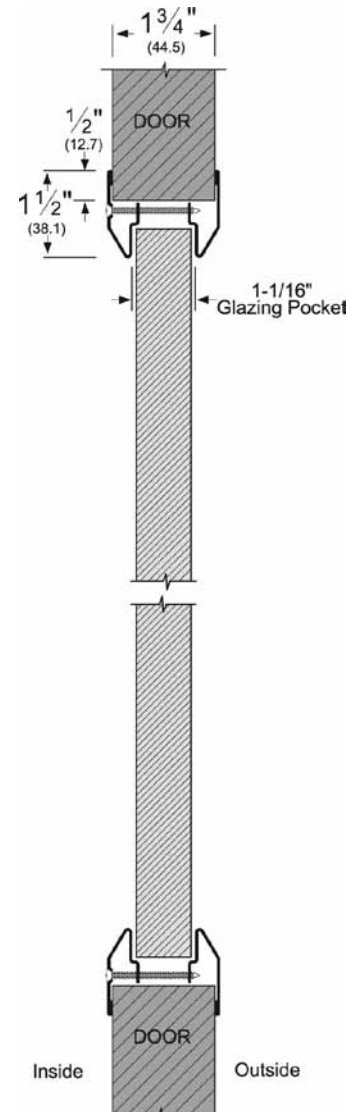
LT-B4

AVAILABLE FINISHES: **B, D, G**

Standard Features

Materials:

20 gauge galvanized hemless design with $1\frac{1}{16}$ " glazing pocket



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Beige Powder Coat) **D** (Dark Bronze Duranodic Powder Coat) **G** (Gray Primer Powder Coat)

Low Profile - 90° Lite Kit

The LT-S1 Lite Kit provides a wide viewing angle. For use with glazing material requiring a $\frac{3}{8}$ " pocket in $1\frac{3}{4}$ " wood or metal doors. The LT-S1 installs without drilling holes through the door for quick installation. The hemless design is a flush mounted assembly and is ideal for clean environments.

Standard Features

Materials:

20 gauge galvanized steel for width $\frac{3}{8}$ " glazing pocket

Fasteners:

#8 x $1\frac{3}{4}$ " O.H.S.M.S.

Dimensions:

- Minimum width - 2" exposed glass
- Maximum height - 69" exposed glass

Other:

- Mitered and welded clean corner construction
- 90 degree square glass stop

Fire Rating:

Classified in accordance with UBC code standard 7-2 for positive pressure



Optional Features

Materials:

304 - #4 stainless steel in 20 gauge material

Finish:

Custom powder coated finishes (sample chip must accompany order)

Fasteners:

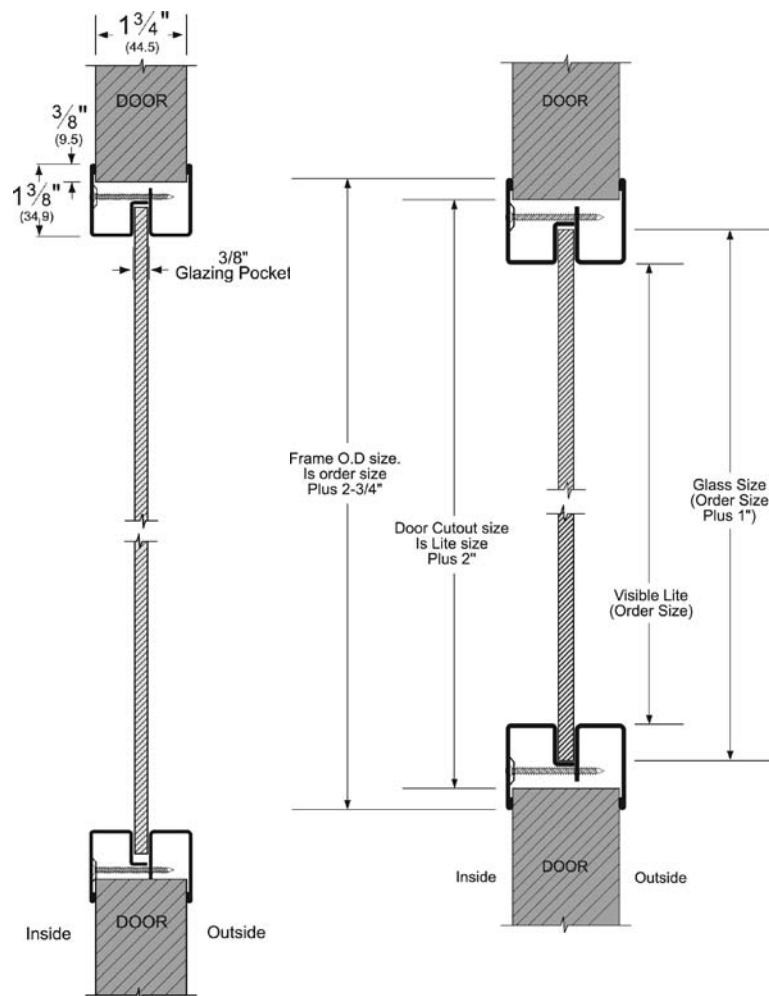
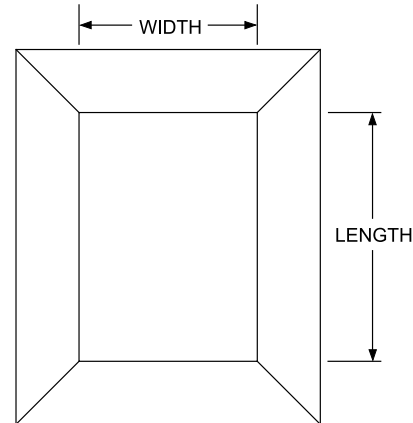
Security fasteners

Other:

- Security grilles (supplied on both sides, standard)
- Glazing tape
- Custom glass sizes

LT-S1

AVAILABLE FINISHES: B, D, G



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Beige Powder Coat) D (Dark Bronze Duranodic Powder Coat) G (Gray Primer Powder Coat)

Low Profile - 90° Lite Kit (Cont.)

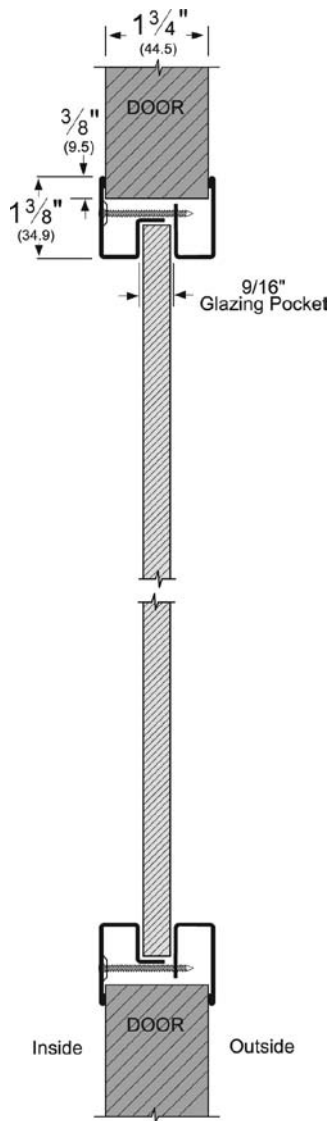
LT-S2_

AVAILABLE FINISHES: B, D, G

Standard Features

Materials:

20 gauge galvanized steel with $\frac{9}{16}$ " glazing pocket



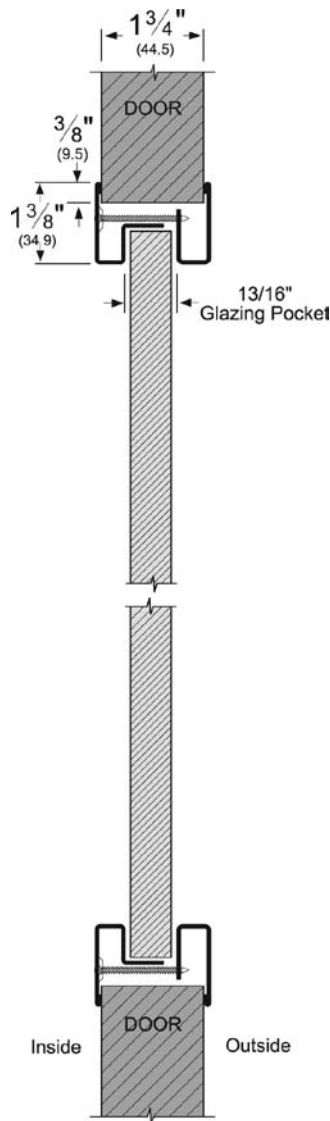
LT-S3_

AVAILABLE FINISHES: B, D, G

Standard Features

Materials:

20 gauge galvanized steel with $\frac{13}{16}$ " glazing pocket



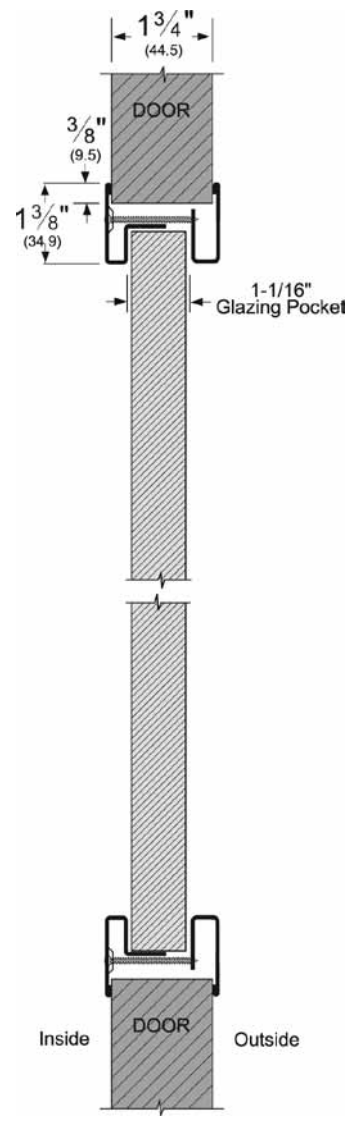
LT-S4_

AVAILABLE FINISHES: B, D, G

Standard Features

Materials:

20 gauge galvanized steel with $\frac{1-1}{16}$ " glazing pocket



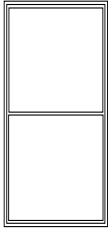
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Beige Powder Coat) **D** (Dark Bronze Duranodic Powder Coat) **G** (Gray Primer Powder Coat)

Grilles/Vision Lites For LT-S1 through LT-S4 Lites

These products are for the **LT-S_** series only.

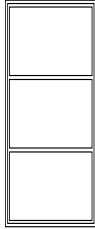
G-2

AVAILABLE FINISHES:
B, D, G



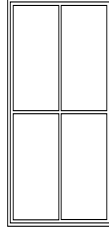
G-3

AVAILABLE FINISHES:
B, D, G



G-4

AVAILABLE FINISHES:
B, D, G



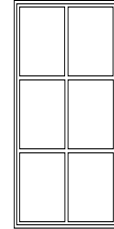
G-5

AVAILABLE FINISHES:
B, D, G



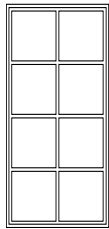
G-6

AVAILABLE FINISHES:
B, D, G



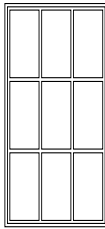
G-8

AVAILABLE FINISHES:
B, D, G



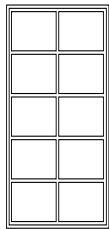
G-9

AVAILABLE FINISHES:
B, D, G



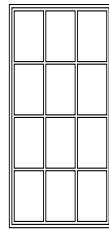
G-10

AVAILABLE FINISHES:
B, D, G



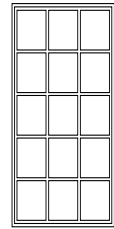
G-12

AVAILABLE FINISHES:
B, D, G



G-15

AVAILABLE FINISHES:
B, D, G



Standard Features

Materials:

- Vision Lites: 20 gauge galvanized steel
- Muntins: 18 gauge C.R.S. 1/2" x 1/2" steel tube

Door Thickness:

For 1 3/4" doors only

Optional Features

Finish:

Custom powder coated finishes
(sample chip must accompany order)

Fasteners:

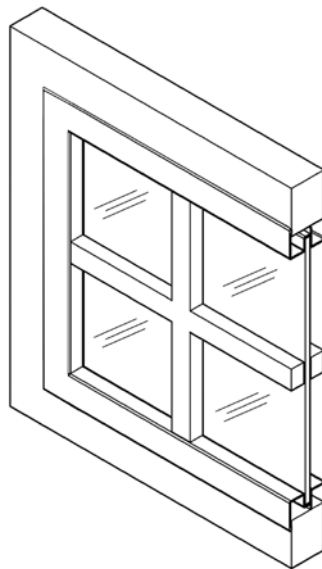
Special security screws available

Other:

Customized grille patterns

Vision Lites:

Only for use in LT-S1 to LT-S4 ("S" Series)



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Beige Powder Coat) **D** (Dark Bronze Duranodic Powder Coat) **G** (Gray Primer Powder Coat)

Inverted "Y" Louver

The LV-IY louver for $1\frac{3}{4}$ " wood or metal doors provides 50% free air flow. The 20 gauge inverted "Y" blades add stiffness and a burr-free exposed edge. The 18 gauge galvanized mitered frame secures the grill assembly in place giving it a clean appearance.

LV-IY_

AVAILABLE FINISHES:
B, **D**, **G**

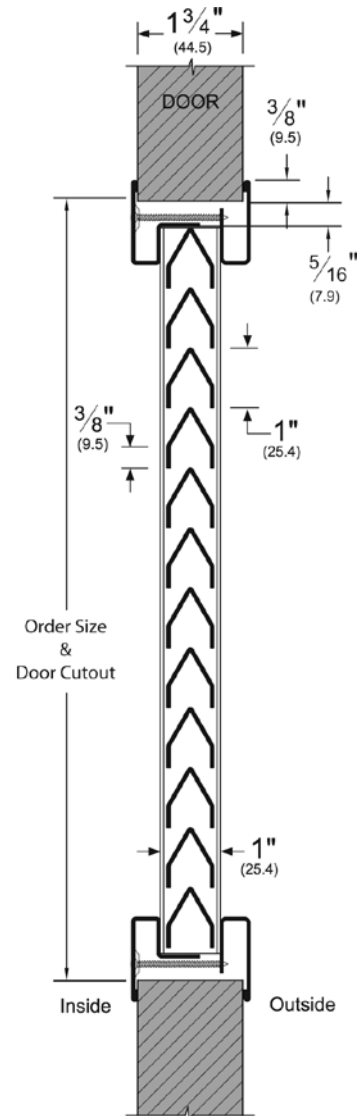


Standard Features

- 18 gauge galvanized frame
- 20 gauge galvanized inverted "Y" blades
- For $1\frac{3}{4}$ " doors
- 50% Free air flow
- #8 - 15" x $1\frac{3}{4}$ " O.H.S.M.S.
- Welded corner construction

Optional Features

- 304 - #4 stainless steel
- Louver core only
- Security screws
- Security grilles
- Insect screens
- Custom powder coated finishes (sample chip must accompany order)



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Beige Powder Coat) **D** (Dark Bronze Duranodic Powder Coat) **G** (Gray Primer Powder Coat)

Fusible Link Louver

The LV-FL louver is $1\frac{3}{4}$ " wood or metal doors and provides 50% free air flow while fastening to one side to ensure security.

LV-FL_

AVAILABLE FINISHES:
B, D, G



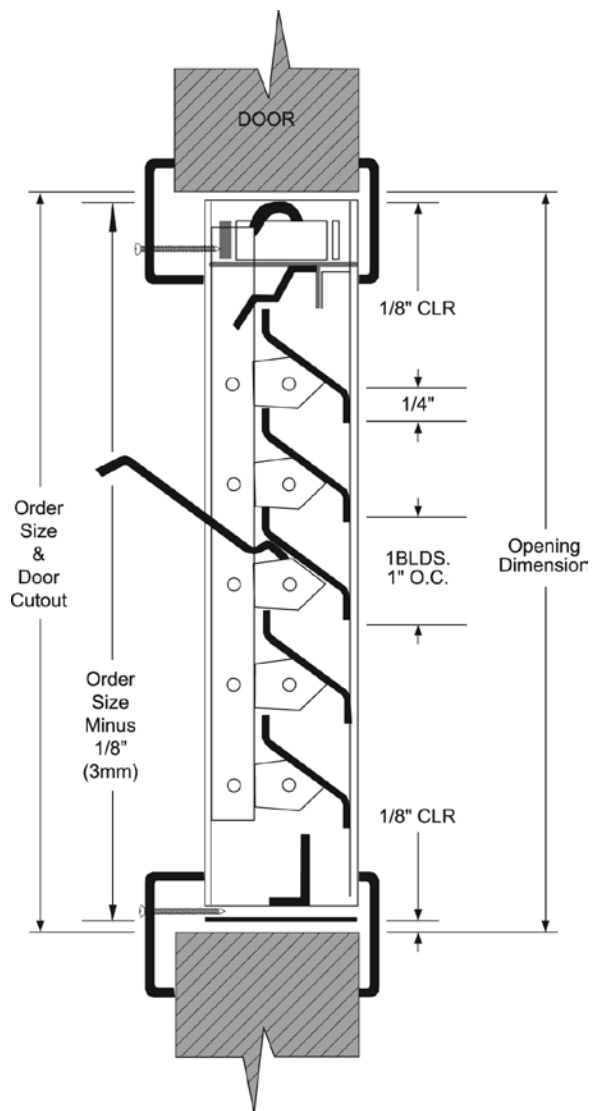
Standard Features

- 18 gauge galvanized frame
- 16 gauge adjustable "Z" blades
- For $1\frac{3}{4}$ " doors
- 50% Free air flow
- #8 - 15 x 1" O.H.S.M.S.
- UL listed



Optional Features

- Security screws
- Custom powder coated finishes (sample chip must accompany order)



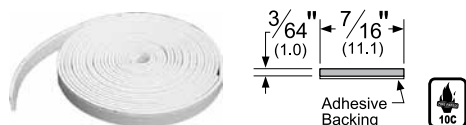
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Beige Powder Coat) **D** (Dark Bronze Duranodic Powder Coat) **G** (Gray Primer Powder Coat)

Fire Glazing Tape

- Verify all applications with your door and/or frame manufacturer
- **FG33000S45** and **FG3000S90** are specially formulated high-performance fire glazing tapes
- For exterior fire-rated applications, seal against moisture using standard industry methods

FG3000S45

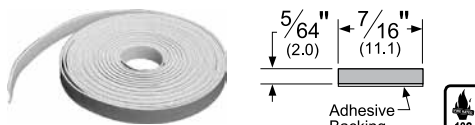
AVAILABLE LENGTHS: 7', 8', 14', 16'



Color: White

FG3000S90

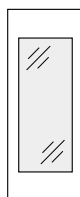
AVAILABLE LENGTHS: 8', 16'



Color: White

Fire Glazing Tape in Larger Lite Applications

Single Vision Lites (Wood/Hollow Metal Door)



Maximum Height: 84"
Maximum Width: 34"
Maximum Total Square Inches
(Visible Glass Area): 2,856

- In 20-, 45-, 60- and 90-minute rated wood and hollow metal doors with metal vision frames, the use of **FG3000** fire glazing tape allows for much larger vision lites
- In 20- and 45-minute rated hollow metal screens, the use of **FG3000** fire glazing tape allows for much larger sidelites, borrowed lites and glass transoms
- New allowable visible glass areas for vision lites in 20- and 45-minute rated wood and hollow metal doors with **FG3000S45** is 2,856 square inches with a maximum height of 84" and a maximum width of 34"

Multiple Vision Lites (Hollow Metal Door)



Maximum Height (Each Lite): 12"
Maximum Width (Each Lite): 46"
Maximum Combined Square Inches
(All Visible Glass Areas): 2,208

- For 90-minute hollow metal doors with **FG3000** fire glazing tape, 12" x 46" vision lites are allowed, but the total number of lites must not exceed four (4) per door. The combined total visible glass area allowed is 2,208 square inches

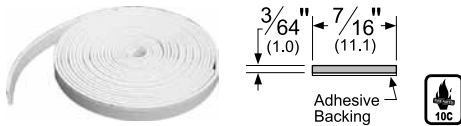
FG3000S45 Fire Glazing Tape in 20- and 45-Minute Hollow Metal Frame (Screen)

Sidelite/Borrowed Lite/Transom Lite Applications

- Verify all applications with your door and/or frame manufacturer
- For exterior fire-rated applications, a clear silicone caulk is recommended for water proofing

FG3000S45

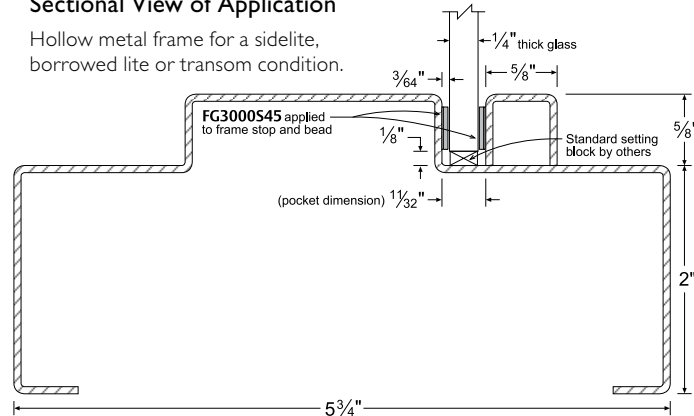
AVAILABLE LENGTHS: 7', 8', 14', 16'



Color: White

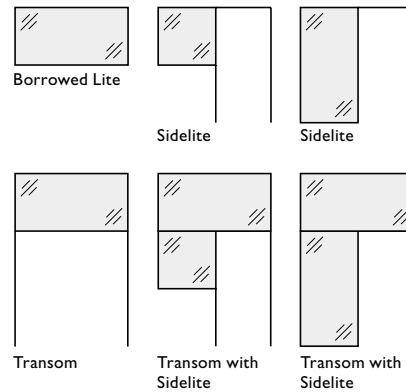
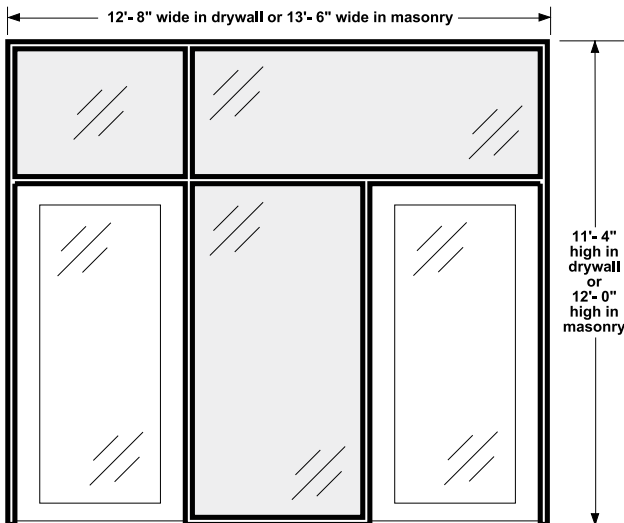
Sectional View of Application

Hollow metal frame for a sidelite, borrowed lite or transom condition.



Technical Data For 20- And 45-Minute Hollow Metal Screens Equipped With FG3000S45 (Sidelite/Borrowed Lite/Transom Lite Applications)

Lite Configurations



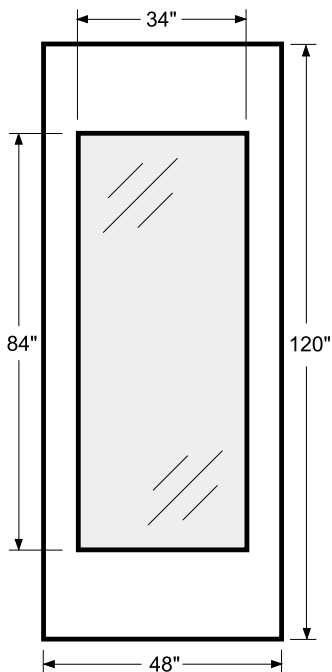
The maximum visible glass area allowed for side lites, borrowed lites, and glass transoms is 4,704 square inches with a maximum length of 106" in any one direction.

Lite Specifications	Hollow Metal Screen Specifications	Listing/Labeling Specifications
Maximum Lite Size: 106" In Any One Direction Maximum Lite Combined Square Inches: Not To Exceed 4,704	Maximum Dimensions (Drywall): 12'8" X 11'4" Maximum Dimensions (Masonry): 13'6" X 12'0" Metal Requirements: Frames are restricted to a minimum of 16-gauge with 5/8" high stops and 18-gauge glazing bead with #8 fasteners at 9" maximum centers	• Door and frame must be manufactured by companies that are classified by Underwriters Laboratories Inc.® for the manufacturing and labeling of hollow metal fire doors. Warnock Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers • Listed Glazing Products include: – Wire Glazing: Pilkington, Asahi and Central Glass • All vision lite kits must be listed fire door glass frames, packaged with FG3000S45 or FG3000S90 • Individual door and frame manufacturers' modification procedures may vary slightly from the size listings shown

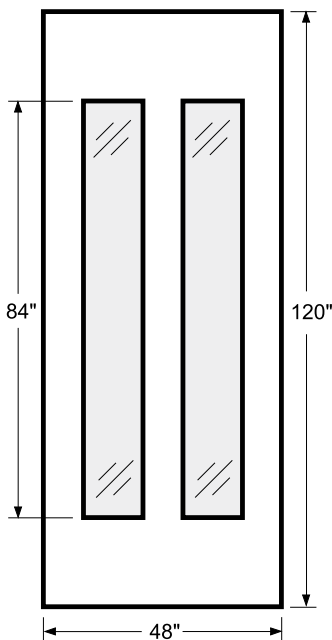
FG3000S45 Fire Glazing Tape in 20- and 45-Minute Hollow Metal Door

Metal Vision Frame Applications

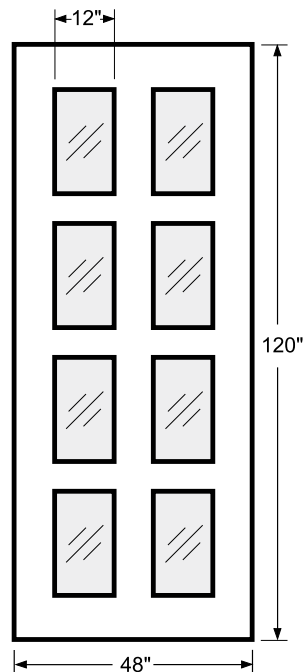
- Maximum hollow metal door size: 48" x 120" single, pairs approved
- Door and frame must be manufactured by companies that are classified by Underwriters Laboratories Inc.® for the manufacturing and labeling of hollow metal fire doors and frames. Warnock-Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers
- For exterior fire rated applications, seal against moisture using standard industry methods
- Verify all applications with your door and/or frame manufacturer



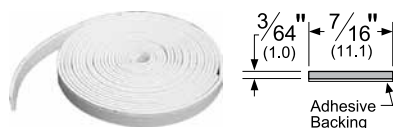
For 20 minute and 45 minute the maximum visible glass size allowed is 34" wide x 84" high or 2,856 square inches per vision lite.



Multiple vision lites are allowed in both the 20 minute and 45 minute, but the combined total visible glass area allowed is 2,856 square inches per door.



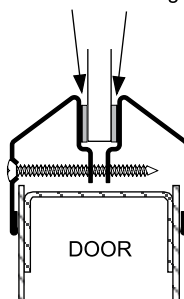
FG3000S45



Color: White

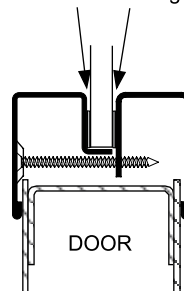
Sectional View of Applications

FG3000S45 applied between frame and glass



Beveled

FG3000S45 applied between frame and glass



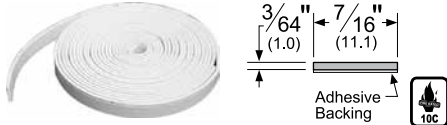
Square



FG3000S45 Fire Glazing Tape in 20- and 45-Minute Wood Door

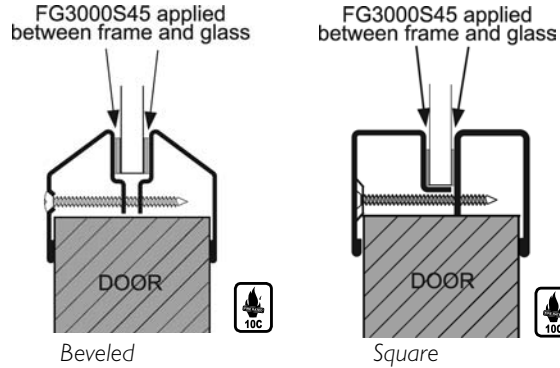
Metal Vision Frame Applications

FG3000S45



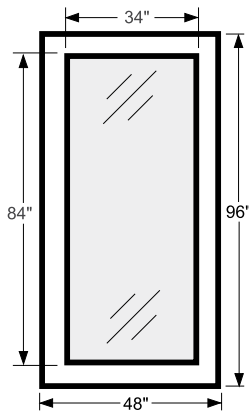
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Sectional View of Applications

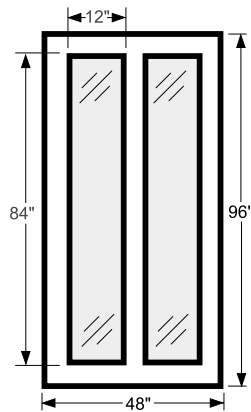


Technical Data For 20- And 45-Minute Wood Doors Equipped With FG3000S45 (Metal Vision Frame, Single And Multiple Lite Applications)

Lite Configurations



Single Vision Lite



Multiple Vision Lites

The maximum visible glass area allowed for single lites is 34" wide x 84" high; for single and multiple lites, the total visible glass area allowed is 2,856 square inches per door.

Lite Specifications	Door Specification	Listing/Labeling Specifications
Maximum Dimensions (Single Lite): 34" wide x 84" high, 2,856 square inches per lite Maximum Combined Dimensions (Multiple Lites): Multiple vision lites are allowed in both the 20- and 45-minute doors, but the combined total visible glass area allowed is 2,856 square inches per door.	Maximum Dimensions: or both 20- and 45-minute doors, the maximum wood door size is 48" x 96" single, pairs approved	- Door and frame must be manufactured by companies that are classified by Underwriters Laboratories Inc.® for the manufacturing and labeling of hollow metal fire doors. Warnock Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers - Listed Glazing Products include: Wire Glazing: Pilkington, Asahi and Central Glass - Individual door and frame manufacturers' modification procedures may vary slightly from the size listings shown

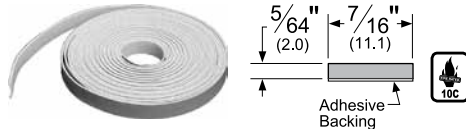
FG3000S90 Fire Glazing Tape in 90-Minute Hollow Metal Door

Metal Vision Frame Applications

- Verify all applications with your door and/or frame manufacturer
- For exterior fire-rated applications, seal against moisture using industry standard methods

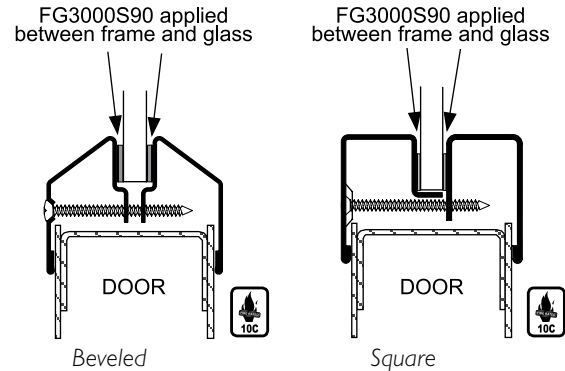
FG3000S90

AVAILABLE LENGTHS: 8', 16'



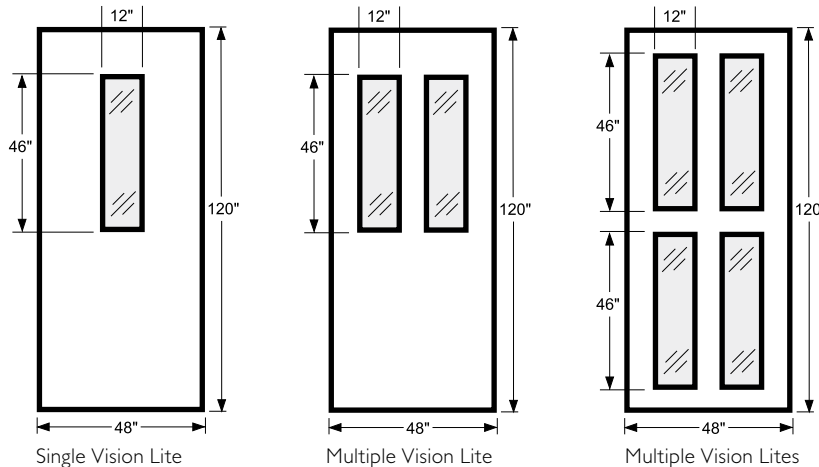
Color: White

Sectional View of Applications



Technical Data For 90-Minute Hollow Metal Doors Equipped With FG3000S90 (Metal Vision Frame, Single And Multiple Lite Applications)

Lite Configurations



The maximum visible glass area allowed for single lites is 12" wide x 46" high or 552 square inches per vision lite; for multiple lites, the largest approved door configuration is two (2) vision lites at 12" wide x 46" high above two (2) vision lites at 12" wide x 46" high (as shown at far right). No more than four (4) lites are allowed per door, and the combined total visible glass area allowed is 2,208 square inches per door.

Lite Specifications	Door Specification	Listing/Labeling Specifications
Maximum Dimensions (Single Lite): 12" wide x 46" high, 552 square inches per lite Maximum Combined Dimensions (Multiple Lites): Multiple vision lites are allowed in 90-minute doors, but the combined total visible glass area allowed is 2,208 square inches per door. No more than four (4) lites are allowed per door. The largest approved configuration is above two (2) vision lites at 12" wide x 46" high above two vision lites at 12" wide x 46" high.	Maximum Dimensions: For 90-minute doors, the maximum hollow metal door size is 48" x 120" single, pairs approved.	• Door and frame must be manufactured by companies that are classified by Underwriters Laboratories Inc.® for the manufacturing and labeling of hollow metal fire doors. Warnock Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers • Listed Glazing Products include: – Wire Glazing: Pilkington, Asahi and Central Glass • Individual door and frame manufacturers' modification procedures may vary slightly from the size listings shown.

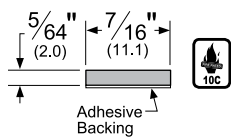
FG3000S90 Fire Glazing Tape in 60- and 90-Minute Wood Doors

Metal Vision Frame Applications

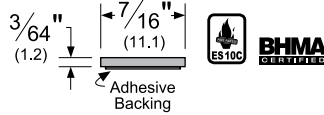
- Verify all applications with your door and/or frame manufacturer
- For exterior fire-rated applications, a clear silicone caulk is recommended for water proofing

FG3000S90

AVAILABLE LENGTHS: 8', 16'

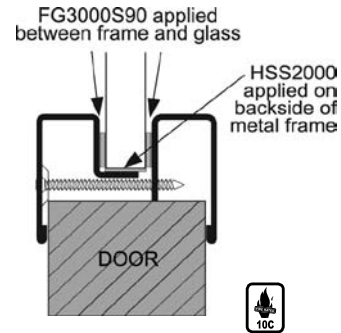


HSS2000



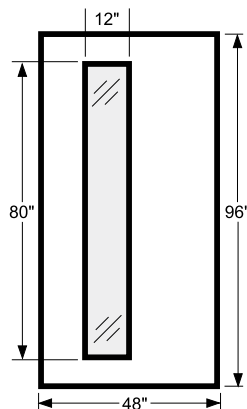
HSS2000 is required to be installed with FG3000S90 for positive pressure applications only. For more information about HSS2000, please see the Adhesive Gasketing section.

Sectional View of Applications

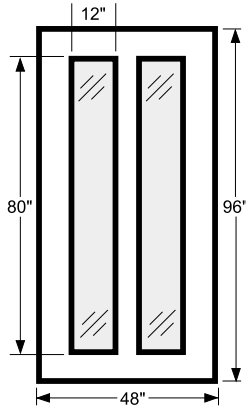


Technical Data For 60- And 90-Minute Wood Doors Equipped With FG3000S90 & HSS2000 (Metal Vision Frame, Single And Multiple Lite Applications)

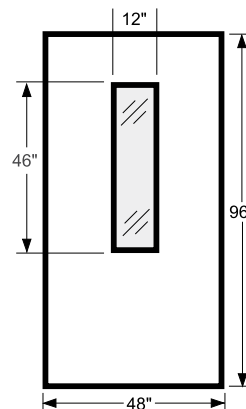
Lite Configurations



Single Vision Lite,
60-Minute Door



Multiple Vision Lites,
60-Minute Door



Single Vision Lite,
90-Minute Door

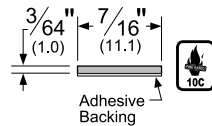
The maximum visible glass area allowed for 60-minute single lites is 12" wide x 80" high or 960 square inches per vision lite; 90-minute doors are allowed a maximum visible glass area of 12" wide x 46" high or 552 square inches per vision lite. Multiple lites (allowed on 60-minute doors only) have a maximum combined visible glass area of 1,920 square inches per door.

Lite Specifications	Door Specification	Listing/Labeling Specifications
Maximum Dimensions (Single Lite, 60-Minute): 12" wide x 80" high; 960 square inches per lite Maximum Dimensions (Single Lite, 90-Minute): 12" wide x 46" high; 552 square inches per lite Maximum Combined Dimensions (Multiple Lites, 60-Minute): Multiple vision lites are allowed in 60-minute doors only; the combined total visible glass area allowed is 1,920 square inches per door	Maximum Dimensions: For both 60- and 90-minute doors, the maximum wood door size is 48" x 96" single, pairs approved	• Door must be manufactured by companies that are classified by Underwriters Laboratories Inc.® for the manufacturing and labeling of hollow metal fire doors. Warnock Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers. • Listed Glazing Products include: – Wire Glazing: Pilkington, Asahi and Central Glass • Individual door and frame manufacturers' modification procedures may vary slightly from the size listings shown • HSS2000 is required on Positive Pressure applications only

FG3000S45 Fire Glazing Tape in 20- and 45-Minute Wood Doors and Frames

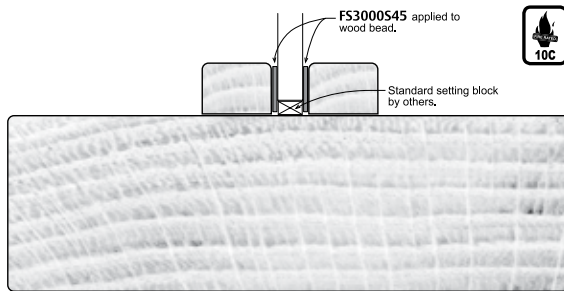
FG3000S45

AVAILABLE LENGTHS:
7', 8', 14', 16'



- Verify all applications with your door and/or frame manufacturer
- For exterior fire-rated applications, seal against moisture using standard industry methods
- Wood vision frames rated 20-minute and 45-minute
- Wood sidelite frames rated 20-minute and 45-minute
- Wood borrowed lite frames rated 20-minute and 45-minute

Technical Data For 20-Minute Wood Sidelite Frame/Wood Lite Bead/Clear Tempered Glass



Maximum Visible Glazing Dimensions (Sidelite):
32 $\frac{7}{8}$ " x 87 $\frac{13}{16}$ "

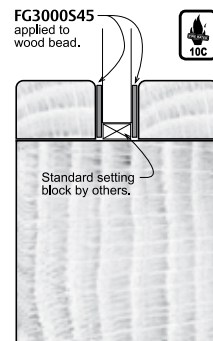
Glazing Materials (Sidelite):

- PyroEdge 20™ by Interedge Technologies
- Fireglass 20™ by Technical Glass Products

Listing/Labeling Specifications:

- Positive Pressure Tested and Listed
- Verify availability with door and frame manufacturer

Technical Data For 20-Minute Full Lite Wood Door/Wood Lite Frame/Clear Tempered Glass



Maximum Visible Glazing Dimensions (Lite):

- (4'0" x 8'0" Door): 32 $\frac{7}{8}$ " x 75 $\frac{13}{16}$ "
- (4'0" x 8'0" Door): 32 $\frac{7}{8}$ " x 75 $\frac{13}{16}$ "

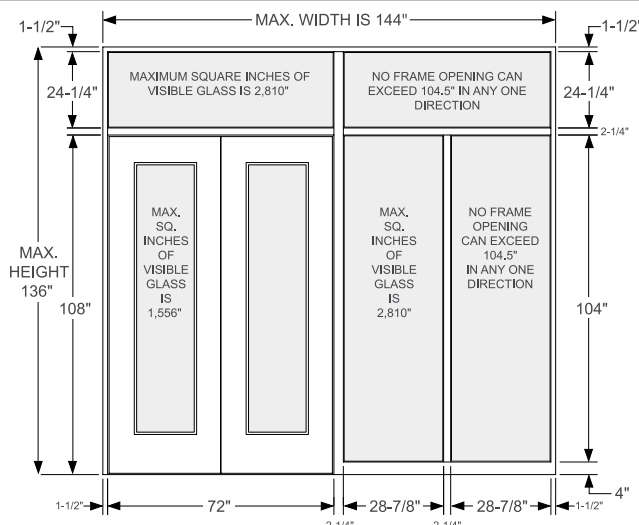
Glazing Materials (Sidelite):

- PyroEdge 20™ by Interedge Technologies
- Fireglass 20™ by Technical Glass Products

Listing/Labeling Specifications:

- Positive Pressure Tested and Listed
- Verify availability with door and frame manufacturer

Technical Data For: 20- And 45-Minute Full Lite Wood Door/Wood Lite Frame With Wire Glass Or FireLite™, 20- And 45-Minute Wood Sidelite Frame/Borrowed Lite Frame/Transom Lite Frame With Wire Glass Or FireLite™



Lite Specifications (see diagram at left):

- Positive Pressure Tested and Listed
- Large visible glazing areas
- Wire Glass and FireLite™
- Verify availability with door and frame manufacturer.

Contact These Manufacturers:

Navy Island, Inc.

275 Marie Ave East, West St Paul, MN 55118
Phone: 651.451.4454, Fax: 651.451.4484

Eggers Industries - Frame Plant

1819 East River Street, Two Rivers, WI 54241
Phone: 920.793.1351, Fax: 920.793.2958

DOOR & FRAME ACCESSORIES

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GS2-20PK.....	DA-3	MB1-50PK.....	DA-6	ZA8-100PK.....	DA-2
GS3-20PK.....	DA-3				



Anchors

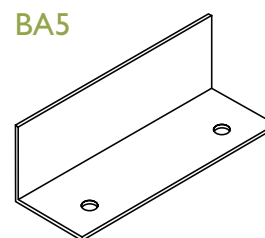
Base Anchors (Weld-in Type)

- Holes in one side for anchoring 1 $\frac{5}{8}$ " x 1 $\frac{5}{8}$ "
- .065 - 16 gauge galvanized steel
- Sold in 50 packs only

BA5-50PK Base anchor, for 4 $\frac{3}{4}$ " and 5 $\frac{3}{4}$ " masonry frames

BA6-50PK Base anchor, for 6 $\frac{3}{4}$ " and 7 $\frac{3}{4}$ " masonry frames

BA8-50PK Base anchor, for 8 $\frac{3}{4}$ " masonry frames

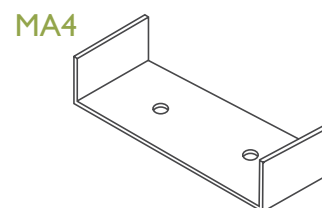


Mullion Base Anchors

- For 2" face frames. Two (2) holes for anchoring
- .083 - 14 gauge galvanized steel
- Sold in 25 packs only

MA4-25PK Mullion base anchor, 4 $\frac{3}{4}$ " length

MA5-25PK Mullion base anchor, 5 $\frac{3}{4}$ " length

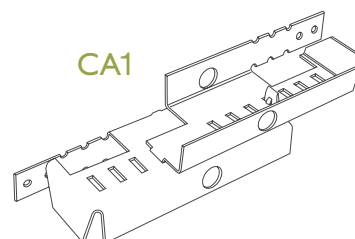


Combination Adjustable Stud Anchors

- Adjustable - saves time and is easy to install for a wider range of frames
- 18 gauge electro zinc finish
- Two (2) pieces per anchor (1 set)
- Sold in 50 packs only

CA1-50PK Adjustable stud anchor for 4 $\frac{3}{4}$ " and 5 $\frac{3}{4}$ " masonry frames

CA2-50PK Adjustable stud anchor for 6 $\frac{3}{4}$ " to 8 $\frac{3}{4}$ " masonry frames



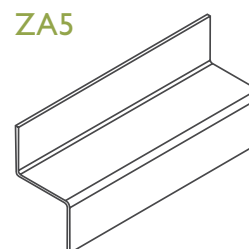
Z Anchors (Weld-in Type)

- For stud walls built inside of frame jambs
- .049 - 18 gauge galvanized steel
- Sold in 100 packs only

ZA5-100PK Weld-in Z anchor, for 4 $\frac{3}{4}$ " and 5 $\frac{3}{4}$ " masonry frames

ZA6-100PK Weld-in Z anchor, for 6 $\frac{3}{4}$ " and 7 $\frac{3}{4}$ " masonry frames

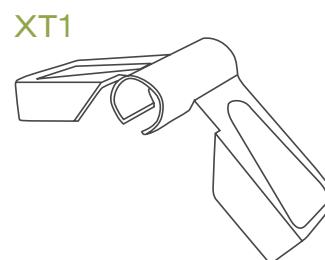
ZA8-100PK Weld-in Z anchor, for 8 $\frac{3}{4}$ " masonry frames



Adjustable Wall Anchors

- Butterfly design
- .065 galvanized steel
- Sold in 100 packs only

XT1-100PK Twist-in existing wall anchor, 4 $\frac{3}{4}$ " to 6 $\frac{3}{4}$ "



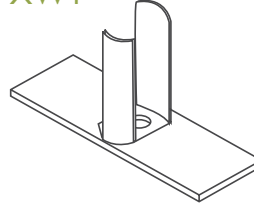
Anchors (Cont.)

Existing Wall Anchors

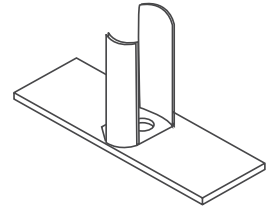
- Ideal for all existing wall applications
- For 4 $\frac{3}{4}$ " to 8 $\frac{3}{4}$ " frames
- Sold in 100 packs only

XW1-100PK	4 $\frac{3}{4}$ " existing wall anchor; unequal rabbet
XW2-100PK	5 $\frac{3}{4}$ " existing wall anchor; equal rabbet
XW3-100PK	5 $\frac{3}{4}$ " existing wall anchor; unequal rabbet
XW4-100PK	6 $\frac{3}{4}$ " existing wall anchor; equal rabbet
XW5-100PK	6 $\frac{3}{4}$ " existing wall anchor; unequal rabbet
XW6-100PK	7 $\frac{3}{4}$ " existing wall anchor; equal rabbet
XW7-100PK	7 $\frac{3}{4}$ " existing wall anchor; unequal rabbet
XW8-100PK	8 $\frac{3}{4}$ " existing wall anchor; equal rabbet
XW9-100PK	8 $\frac{3}{4}$ " existing wall anchor; unequal rabbet

XW1



XW4

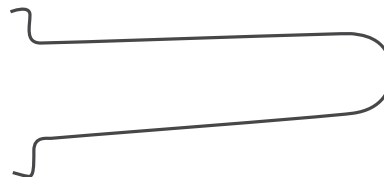


Wire Masonry Anchors

- For masonry frames
- Sold in 100 packs only

WA1-100PK

WA1



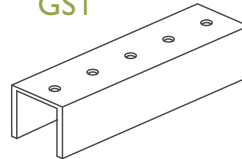
Glazing Bead/Spreaders Bar

Glazing Bead

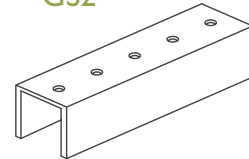
- Sold in 20 packs only
- No fasteners supplied

GS1-20PK	• 5$\frac{1}{8}$" x 5$\frac{1}{8}$" x 8'0" • Punched and countersunk for #8 screw • Hole spacings are 6" from ends and 12" on center • .049 18 gauge A40 galvanized steel
GS2-20PK	• 5$\frac{1}{8}$" x 5$\frac{1}{8}$" x 10'0" • Punched and countersunk for #8 screw • Hole spacings are 6" from ends and 12" on center • .049 18 gauge A40 galvanized steel
GS3-20PK	• 5$\frac{1}{8}$" x 5$\frac{1}{8}$" x 10'0" • Blank (no holes) • .049 18 gauge A40 galvanized steel
GS4-20PK	• 5$\frac{1}{8}$" x 5$\frac{1}{8}$" x 3'0" • Blank (no holes) • .049 18 gauge A40 galvanized steel

GS1



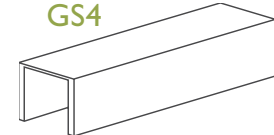
GS2



GS3



GS4



Reinforcements - Fillers

Corner Fillers

- Holes in one side for anchoring $1\frac{5}{8}" \times 1\frac{5}{8}"$
- .065 - 16 gauge galvanized steel
- Sold in 50 packs only

CB1-50PK

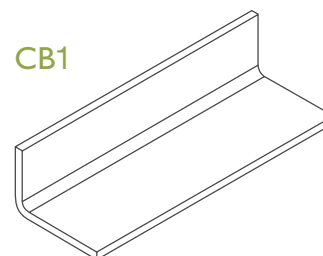
- 2" face frame corner filler.
- $\frac{5}{8}" \times \frac{7}{16}"$ lip $\times 1\frac{13}{16}"$ wide

CB2-50PK

- 2- $\frac{5}{8}"$ face frame corner filler
- $\frac{5}{8}" \times \frac{7}{16}"$ lip $\times 2\frac{7}{16}"$ wide

CB3-50PK

- 4" face frame corner filler
- $\frac{5}{8}" \times \frac{7}{16}"$ lip $\times 3\frac{13}{16}"$ wide



Door Hinge Filler Plates

- Two (2) #12-24 $\times \frac{1}{2}"$ F.H.M.S. included
- Sold in 25 packs only

HF1-25PK

- 4 $\frac{1}{2}"$ hinge filler for beveled edge (handed) doors
- $1\frac{1}{2}" \times 4\frac{1}{2}" \times .134$ HRPO, prime painted

HF2-25PK

- 4- $\frac{1}{2}"$ hinge filler for square edge (non-handed) doors
- $1\frac{3}{4}" \times 4\frac{1}{2}" \times .134$ HRPO, prime painted

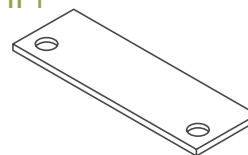
HF4-25PK

- 5" hinge filler for beveled edge (handed) doors
- $1\frac{1}{2}" \times 5" \times .146$ HRPO, prime painted

HF5-25PK

- 5" hinge filler for square edge (non-handed) doors
- $1\frac{3}{4}" \times 5" \times .146$ HRPO, prime painted

HF1



Frame Hinge Filler Plates

- For $1\frac{3}{4}"$ rabbeted frames
- Two (2) #12-24 $\times \frac{1}{2}"$ F.H.M.S.
- Sold in 25 packs only

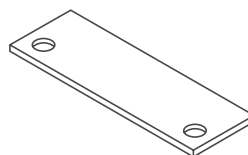
HF3-25PK

- 4 $\frac{1}{2}"$ hinge filler for frames.
- $1\frac{5}{8}" \times 4\frac{1}{2}" \times .134$ HRPO, prime painted

HF6-25PK

- 5" hinge filler for frames
- $1\frac{5}{8}" \times 5" \times .134$ HRPO, prime painted

HF3



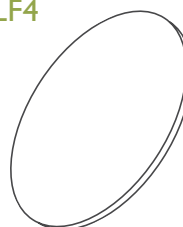
Hole Covers

- Sold in 50 packs only

LF4-50PK

- 2 $\frac{1}{8}"$ hole covers
- For 160 & 161 cylinder holes
- 2 $\frac{3}{32}"$ diameter $\times .049$ galvanized steel

LF4



FHMS (Flat-head Machine Screw) HRPO (Hot rolled, pickled & oiled)

Reinforcements - Fillers (Cont.)

Door Face Filler Plates

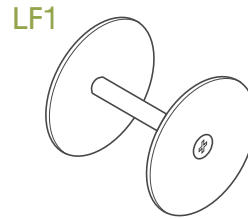
- One (1) 8-32 thru bolt included
- Sold in 25 packs only

LF1-25PK

- 2 $\frac{1}{8}$ " screw-in hole cover
- For 160 & 161 cylinder holes
- 2 $\frac{5}{8}$ " diameter x .049 galvanized steel, prime painted

LF5-25PK

- For 1 $\frac{1}{2}$ " cylinder holes
- 1 $\frac{3}{4}$ " diameter x .049 galvanized steel, prime painted



Door Edge Filler Plates

- Sold in 25 packs only

LF2-25PK

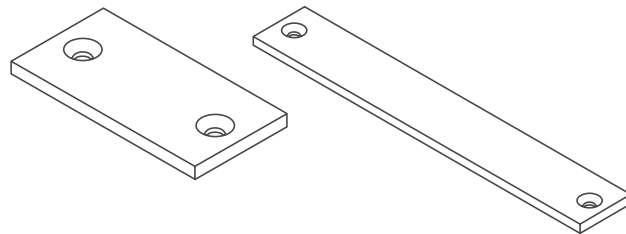
- For government 161 latch
- 1 $\frac{1}{8}$ " x 2 $\frac{1}{4}$ " x .134 CRS, prime painted
- Two (2) #8-32 x $\frac{1}{2}$ " F.H.M.S. included

LF3-25PK

- For government 86 mortise lock face
- 1 $\frac{1}{4}$ " x 8" x .187 HRPO, prime painted
- Two (2) #12-24 x $\frac{1}{2}$ " F.H.M.S. included

LF2

LF3



Flush Bolt Filler Plates

- Sold in 25 packs only

LF6-25PK

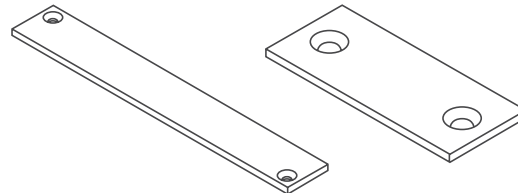
- Flush bolt filler
- Two (2) #8-32 x $\frac{1}{2}$ " F.H.M.S. included
- 1" x 6 $\frac{3}{4}$ " x .134 CRS, prime painted

SB5-25PK

- Flush bolt strike filler
- 1 $\frac{5}{16}$ " x 2 $\frac{1}{4}$ " .075 galvanized steel, prime painted

LF6

SB5



Strike Filler Plates

- Sold in 25 packs only

SB1-25PK

- For 4 $\frac{7}{8}$ " strike
- 1 $\frac{1}{4}$ " x 4 $\frac{7}{8}$ " x .095 CRS, prime painted
- Two (2) #12-24 x $\frac{1}{2}$ " F.H.M.S. included

SB2-25PK

- For 4 $\frac{7}{8}$ " deadlock strike, no lip
- 1 $\frac{1}{4}$ " x 4 $\frac{7}{8}$ " x .095 CRS, prime painted
- Two (2) #12-24 x $\frac{1}{2}$ " F.H.M.S. included

SB3-25PK

- For 2 $\frac{3}{4}$ " T-strike
- 1 $\frac{1}{8}$ " x 2 $\frac{3}{4}$ " x .083 galvanized steel, prime painted
- Two (2) #8-32 x $\frac{1}{2}$ " F.H.M.S. included

SB4-25PK

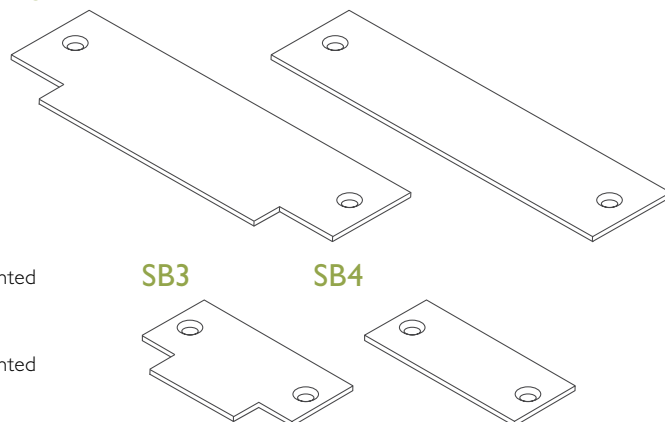
- For Schlage B lock and other deadlock strikes
- 1 $\frac{1}{8}$ " x 2 $\frac{3}{4}$ " x .083 galvanized steel, prime painted
- Two (2) #8-32 x $\frac{1}{2}$ " F.H.M.S. included

SB1

SB2

SB3

SB4



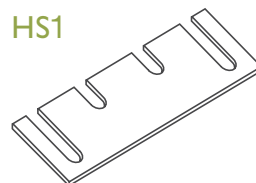
CRS (Cold Rolled Steel) FHMS (Flat-head Machine Screw) HRPO (Hot rolled, pickled & oiled)

Reinforcements - Fillers (Cont.)

Shims

Sold in 50 packs only.

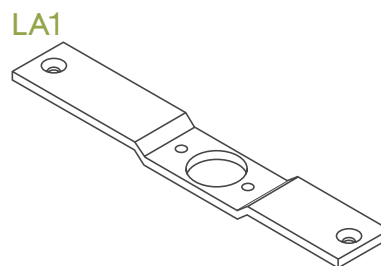
- HS1-50PK**
- 22 gauge 4½" hinge shim
 - 1⅞" x 4½" x .028 galvanized steel
- HS2-50PK**
- 16 gauge 4½" hinge shim
 - 1⅞" x 4½" x .065 galvanized steel
- HS3-50PK**
- 22 gauge 5" hinge shim
 - 1⅞" x 5" x .028 galvanized steel
- HS4-50PK**
- 16 gauge 5" hinge shim
 - 1⅞" x 5" x .065 galvanized steel



Latch Adapters

- Mortise lock to bored latch adapter
- Sold in 25 packs only

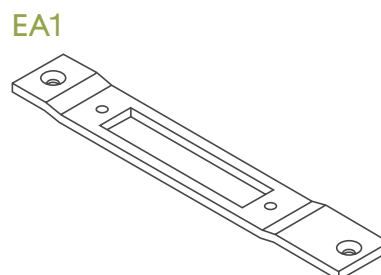
- LA1-25PK**
- For 86 lock edge to 161 latch
 - 161 latch position offset ¾"
 - HRPO, prime painted
 - Two (2) #12-24 M.S. included



Strike Adapters

- Mortise lock edge to 47⅞" strike adapter
- Sold in 25 packs only

- EA1-25PK**
- For 86 lock edge to ASA strike
 - Strike prep is offset ⅞"
 - Inside cutout dimension is ¾" wide x 3½" long
 - HRPO, prime painted
 - Two (2) #12-24 M.S. included

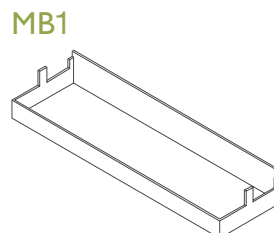


Reinforcements - Misc.

Mortar Box

- Hinge mortar box
- Sold in 50 packs only

MB1-50PK



HRPO (Hot rolled, pickled & oiled) MS (Machine Screw)

Reinforcements - Misc. (Cont.)

Weld-In Reinforcements

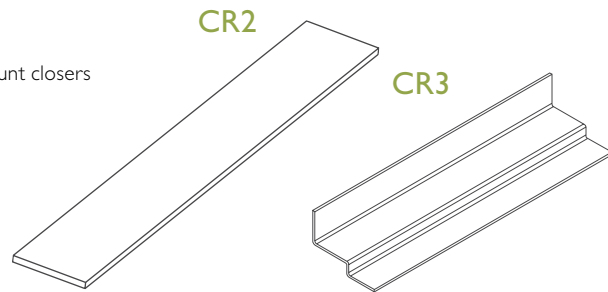
- Weld-in closer reinforcement
- CR2 sold in 5 packs only
- CR3 sold in 20 packs only

CR2-5PK

- 12" flat closer reinforcement for standard and PA mount closers
- 1 $\frac{3}{4}$ " x 12" x .134 - 10 gauge HRPO

CR3-20PK

- Half sleeve closer reinforcement for 2" face frame.
For 14" standard mount and PA closers
- 14" long x .109 - 14 gauge HRPO



Weld-in Strike Combination Reinforcement & Dust Cover/Reversible Flush Bolt Strike

- RF1 sold in 25 packs only
- SR1 and SR2 sold in 10 packs only

RF1-25PK

- Reversible flush bolt strike reinforcement - 7" x 1 $\frac{1}{2}$ " x 14 gauge
- Includes 3 $\frac{3}{4}$ " x 1 $\frac{1}{8}$ " x 16 gauge reversible strike plate
- Both parts CRS, prime painted

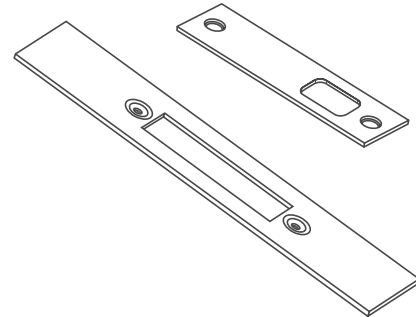
SR1-10PK

- 2 $\frac{3}{4}$ " T-strike reinforcing
- 16 gauge CRS

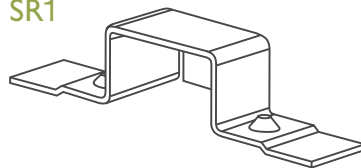
SR2-10PK

- For use with standard ASA or 4 $\frac{7}{8}$ " strike in frame
- 16 gauge CRS

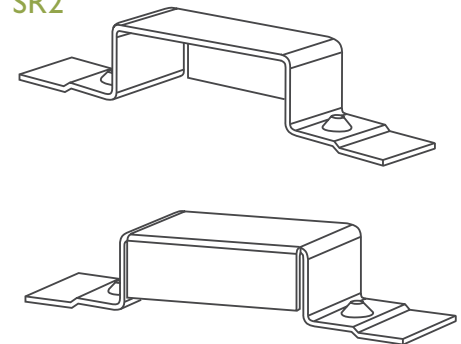
RF1



SR1



SR2



CRS (Cold Rolled Steel) FHMS (Flat-head Machine Screw) HRPO (Hot rolled, pickled & oiled)

Reinforcements - Misc. (Cont.)

Hinge Reinforcements

- 1¼" x 9" x .187 HRPO
- Holes tapped #12-24. Fits door and frames
- Sold in 50 packs only

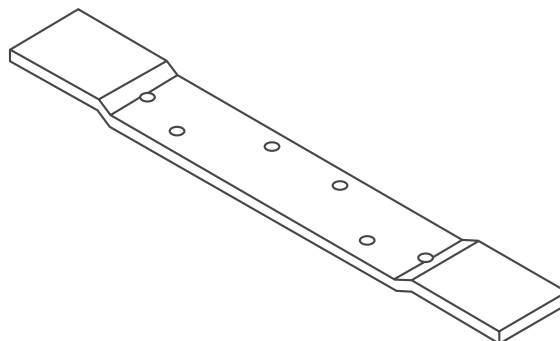
HR1-50PK • For 4½" x .180 heavy weight hinges

HR2-50PK • For 4½" x .134 regular weight hinges

HR3-50PK • For 5" x .190 heavy weight hinges

HR4-50PK • For 5" x .146 regular weight hinges

HR1



Reinforcements - Tabs

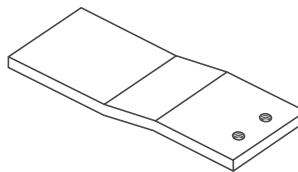
Flush Bolt Tabs

- 1" x 2½" x .109 HRPO
- Two holes tapped #8-32
- Sold in 50 packs only

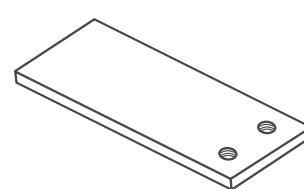
DT4-50PK • For doors, 1" face flush bolts - ⅜" offset

DT5-50PK • For doors, 1" face flush bolts - no offset

DT4



DT5

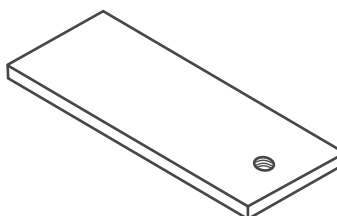


Flush Bolt Strike Tabs

- For strike in header bars - no offset
- 1" x 2½" x .109 HRPO
- Hole tapped #8-32
- Sold in 50 packs only

FT3-50PK

FT3



HRPO (Hot rolled, pickled & oiled)

Reinforcements - Tabs (Cont.)

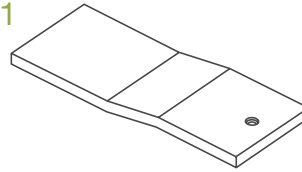
Dead Lock/Spring Latch/Lock Strike Tabs

- 1" x 2½" x .109 HRPO
- Hole tapped #8-32
- Sold in 50 packs only

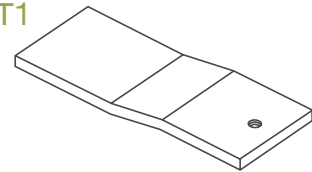
DT1-50PK • For 160 & 161 latch bolts - $\frac{3}{32}$ " offset

FT1-50PK • For 160 & 161 latch bolts - $\frac{1}{16}$ " offset

DT1



FT1



Strike Tabs

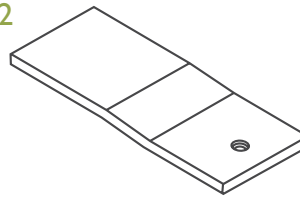
- 1" x 2½" x .109 HRPO
- Hole tapped 12-24
- Sold in 50 packs only

FT2-50PK • For 4⅞" ASA strikes - $\frac{1}{16}$ " offset

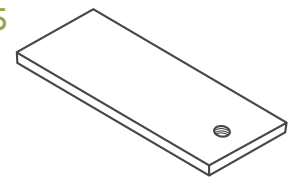
FT4-50PK • For Von Duprin, Folger Adams and other electric strikes - $\frac{5}{16}$ " offset

FT5-50PK • For strikes in frame - no offset

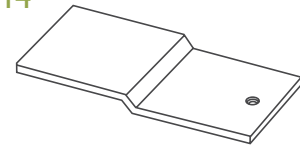
FT2



FT5



FT4

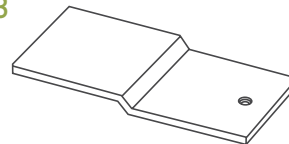


Lock Edge Tabs

- Mortise lock tab
- 1" x 2½" x .109 HRPO
- Hole tapped #12-24
- Sold in 50 packs only

DT3-50PK • For government 86 locks - $\frac{1}{8}$ " offset

DT3



HRPO (Hot rolled, pickled & oiled)

Door Channels & Top Caps

Door Channels

- $\frac{1}{2}$ " $\times$ $1\frac{5}{8}$ " $\times$ $\frac{1}{2}$ " - .049 - 18 gauge galvanized steel
- Sold in 10 packs only

DC1-10PK

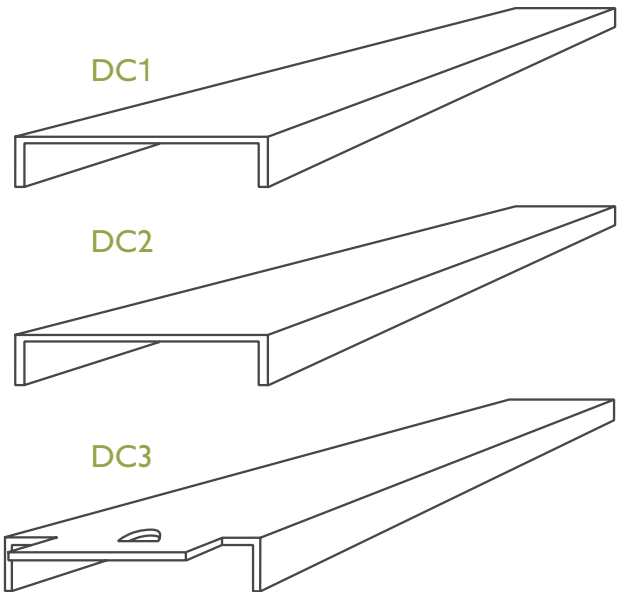
- For use when cutting doors in height and width 10'0"

DC2-10PK

- For use when cutting doors in height and width 8'0"

DC3-10PK

- Door cap with flush bolt guide
- For use when cutting doors in height
- Channels are notched at each end
- 4'0"
- Specify nominal door width when ordering



Screw-in Flush Top Caps

- Holes are punched and countersunk
- Specify nominal door width when ordering
- $\frac{1}{2}$ " $\times$ $1\frac{7}{16}$ " $\times$ $\frac{1}{2}$ " .035 20 gauge galvanized steel channel
- #6 $\times$ $1\frac{7}{8}$ " TEK Bugle head included
- Sold in 10 packs only

TC1-10PK

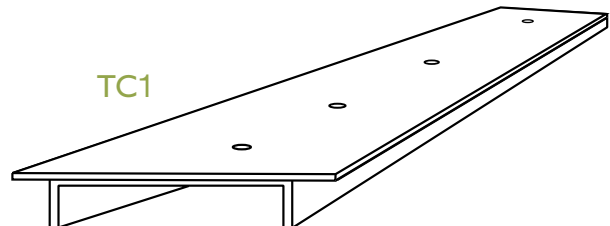
- Screw in flush top cap 3'0"

TC2-10PK

- Screw in flush top cap 3'6"

TC3-10PK

- Screw in flush top cap 4'0"





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