



# Complementary Building Products

Nystrom is a global supplier of miscellaneous and specialty construction products.

We partner with our customers to simplify specifying and procurement, minimizing cost and time in the construction project workflow. Our representatives take responsibility for guiding you through the process from beginning to end.

Nystrom is committed to delivering you the right products at the right time. *Right to site.* 

**Stair Treads & Nosings** 05.55.00



Smoke Vents 07.72.36



Access Doors 08.31.00



**Louvers** 08.91.00



Fire Safety 10.44.13



Roof Hatches



**Expansion Joint Systems** 07.95.13



Floor Doors 08.31.00



Wall & Door Protection



**Entrance Flooring Systems** 12.48.13



# Our most popular access door, redefined.



### Small changes with big results.

Nystrom has manufactured premium access doors for over 60 years, delivered directly to the job site. Today, we continue to lead the marketplace with an update to our most popular line of access doors.

The Nystrom Architectural Access Door now features a pan door design, adding strength and durability; an Anti-Flex Frame, protecting your door from irregularities in the wall; and Easy Install Tabs, drastically reducing installation time for drywall applications. The Architectural Door is ideal for architectural specification.

- Stronger body.
- ✓ Anti-flex frame.
- ✓ Faster to install.

Learn more on page 5.

# **Product Family**

Nystrom access doors are designed to solve a myriad of access needs. Our flexible manufacturing processes take the hassle out of custom sizing, materials, and colors. Combine that with strategically located stocking facilities around the country, and you get exactly the door you need. *Right to site*.

#### Non-Rated

- Architectural
- Renovation
- Stainless Steel
- Recessed

#### pg 5-7

The non-rated access door family contains Nystrom's most popular designs for standard applications.



### Fire-Rated

- Insulated
- Uninsulated
- Oversized Attic
- Tile Ready
- Upward Opening

#### pg 8-10

No matter the degree of wall or ceiling fire protection required, Nystrom has a fire-rated access door to meet your needs.



# **Security**

- Medium
- High
- Top
- Fire-Rated

#### pg 10-12

pg 12-14

When access needs to be restricted, Nystrom security doors have you protected.



# **Specialty**

- Draft Stop
- Exterior
- Lightweight
- Plastic

# **Options**

#### pg 15

Learn about the many options we offer for you to customize your door, including material types, flange styles, latch options, and more.

# **Architectural Access Door**

The Nystrom Architectural Access Door is built with architectural specification in mind. Constructed with our industry-standard 14 gauge steel door, the updated design further improves on strength and aesthetics.

DOOR: 14 gauge cold rolled steel (removable)

FRAME: 16 gauge cold rolled steel HINGE: Concealed spring button

PAN DEPTH: 1/2"

FINISH: Gray powder paint

#### **Features**



#### **Anti-flex frame**

Screws are inserted through our patentpending Easy Install Tabs, firmly fitting the door to the wall without flexing the frame.



#### **Painless installation**

When mounting screws are not required, quickly and easily install your new panel by bending our patent-pending Easy Install Tabs over the drywall.



### **Industry-leading strength**

With its new pan-style design, our 14 gauge door is stronger than ever.

















	FLANGE	
T W P	1" Flange Drywall bead Plaster casing	

	LATCH
С	Screwdriver cam latch
L	Key operated cam latch
M	Mortise lock (1-1/8") prep

	STANDAR	D SIZES (WIDTH	1 & HEIGHT)	
6" x 6"	12" x 24"	18" x 24"	24" x 30"	32" x 32"
8" x 8"	14" x 14"	20" x 30"	24" x 36"	36" x 36"
10" x 10"	16" x 16"	22" x 22"	24" x 48"	36" x 48"
12" x 12"	16" x 20"	22" x 30"	30" x 30"	
12" x 18"	18" x 18"	24" x 24"	30" x 36"	

Custom sizes are available. Rough opening is door size + 1/4".

	OPTIONS
В	Bonderized / galvanized
G	Gasketing
M	Masonry anchors
$\overline{}$	

# **Renovation Access Door**

The Nystrom Renovation Access Door is a new alternative to the Architectural Door (pg 5). The panel features an industry-leading design to provide superior durability and functionality.

DOOR: 20 gauge cold rolled steel (removable)

FRAME: 20 gauge cold rolled steel HINGE: Concealed spring button

PAN DEPTH: 1/2"

FINISH: Gray powder paint

#### **Features**



#### **Anti-flex frame**

Screws are inserted through our patentpending Easy Install Tabs, firmly fitting the door to the wall without flexing the frame.



#### **Painless installation**

When mounting screws are not required, quickly and easily install your new panel by bending our patent-pending Easy Install Tabs over the drywall.



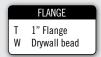
### A lighter gauge alternative

With all of the same features as the Nystrom Architectural Access Door (pg 5), the Renovation Door is a perfect compliment for applications where a lighter material gauge is acceptable.





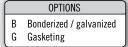




( LATCH				
CL	Screwdriver cam latch Key operated cam latch			

	STANDAR	D SIZES (WIDTH	1 & HEIGHT)	
6" x 6"	12" x 24"	18" x 24"	24" x 30"	32" x 32"
8" x 8"	14" x 14"	20" x 30"	24" x 36"	36" x 36"
10" x 10"	16" x 16"	22" x 22"	24" x 48"	
12" x 12"	16" x 20"	22" x 30"	30" x 30"	
12" x 18"	18" x 18"	24" x 24"	30" x 36"	

Custom sizes are available. Rough opening is door size + 1/4".



# **Stainless Steel Access Door**

DOOR: 16 gauge T304 stainless steel FRAME: 16 gauge T304 stainless steel

FLANGE: 1"

HINGE: Stainless steel concealed pin

PAN DEPTH: 1/2"

FINISH: #4 Satin polish





PT









S

	LATCH
С	Screwdriver cam latch
L	Key operated cam latch
M	Mortise lock (1-1/8") prep

	STANDAR	D SIZES (WIDTH	l & HEIGHT)		
6" x 6"	12" x 16"	14" x 24"	18" x 18"	20" x 30"	
8" x 8"	12" x 18"	15" x 15"	18" x 24"	22" x 22"	
8" x 12"	12" x 24"	16" x 16"	18" x 36"	22" x 30"	
10" x 10"	14" x 14"	16" x 20"	20" x 20"	24" x 24"	
12" x 12"	14" x 20"	16" x 24"	20" x 24"		

Custom sizes are available. Rough opening is door size + 1/4".

OPTIONS

G Gasketing

# **Recessed Access Door**

DOOR: 16 gauge cold rolled steel FRAME: 16 gauge cold rolled steel HINGE: Concealed pivoting rod

PAN DEPTH: 5/8"

FINISH: Gray powder paint

CUSTOM SIZING



R











FLANGE

A No flange
W Drywall bead
P Plaster casing

	LATCH
C	Screwdriver cam latch
L	Key operated cam latch
M	Mortise lock (1-1/8") prep

STANDARD SIZES (WIDTH & HEIGHT)				
8" x 8"	18" x 18"	24" x 30" *		
12" x 12"	20" x 30" *	24" x 36" *		
16" x 16"	24" x 24" *			

Custom sizes are available. Rough opening is door size + 1/4".

\* Horizontal applications only.

OPTIONS			
Bonderized / galvanized			
Gasketing			
T304 Stainless steel			

# **Insulated Access Door**

DOOR: 20 gauge cold rolled steel FRAME: 16 gauge cold rolled steel HINGE: IT: Flush continuous piano

IW/IP: Concealed pin

FINISH: Gray powder paint

INSULATION: 2" thick fire rated mineral fiber

CERTIFICATION: UL listed "B" label for 1-1/2 hrs (vertical)

Warnock-Hersey listed for 3 hrs (horizontal)



**CUSTOM SIZING** 

















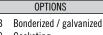








Custom sizes are available. Rough opening is door size + 1/4". \* Vertical applications only.



- G Gasketing Masonry anchors
- S T304 Stainless steel

# Uninsulated Access Door

DOOR: 14 gauge cold rolled steel FRAME: 16 gauge cold rolled steel HINGE: UT: Flush continuous piano

UW/UP: Concealed pin

FINISH: Gray powder paint

CERTIFICATION: UL listed "B" label for 1-1/2 hrs

FIRE-RATED



**CUSTOM SIZING** 





















#### FLANGE 1" Flange Drywall bead Plaster casing

LATCH Knurled knob / key operated latch bolt Mortise lock (1-1/8") prep

STANDARD SIZES (WIDTH & HEIGHT) 22" x 36" 8" x 8" 16" x 16" 32" x 32" 10" x 10" 18" x 18" 24" x 24" 36" x 36" 24" x 30" 12" x 12" 18" x 24" 36" x 48" 12" x 18" 24" x 36" 20" x 30" 12" x 24" 22" x 22" 24" x 48" 22" x 30" 14" x 14" 30" x 30"

Custom sizes are available. Rough opening is door size + 1/4".



- Bonderized / galvanized
- Gasketing
- Masonry anchors T304 Stainless steel

# **Oversized Attic Access Door**

DOOR: 18 gauge cold rolled steel FRAME: 16 gauge cold rolled steel HINGE: Concealed continuous rod

LATCH: 1/4" Allen head key FINISH: Gray powder paint

INSULATION: 1-1/2" non-combustible, high temperature CERTIFICATION: Warnock-Hersey listed for 2 hrs (standard)

Warnock-Hersey listed for 3 hrs (with T option)



**CUSTOM SIZING** 







FRD3648DW

FRD







**OPTIONS** 

STANDARD SIZES (WIDTH & HEIGHT) 36" x 60" 40" x 60" 48" x 60"

Double door 3-Hour rated M Mortise lock (1-1/8") prep С Ceiling application T304 Stainless steel W Wall application

Custom sizes are available. Rough opening is door size.

# Tile Ready Access Door

DOOR: 14 gauge bonderized/galvanized steel FRAME: 16 gauge bonderized/galvanized steel

HINGE: Cabinet type

FINISH: None

CERTIFICATION: UL listed "B" label for 1-1/2 hrs.

FIRE-RATED













**RUTK1212** 

RU













FLANGE 1" Flange W Drywall bead



STANDARD SIZES (WIDTH & HEIGHT) 8" x 8" 16" x 16" 12" x 12" 18" x 18"

Custom sizes are available. Rough opening is door size + 1/4".

# **Upward Opening Access Door**

DOOR: 18 gauge cold rolled steel
FRAME: 16 gauge cold rolled steel
HINGE: Concealed continuous piano

LATCH: 1/4" Allen head key FINISH: Gray powder paint

INSULATION: Non-combustible, high temperature CERTIFICATION: Warnock-Hersey listed for 2 hrs

FIRE-RATED



HORIZONTAL ONLY



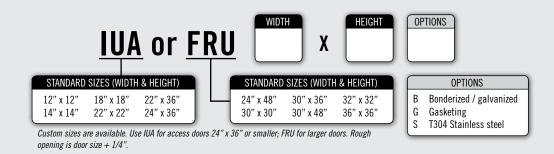
**CUSTOM SIZING** 







IUA2436



# **Medium Security Access Door**

DOOR: 12 gauge cold rolled steel
FRAME: 12 gauge cold rolled steel
HINGE: Concealed continuous piano

FLANGE

FINISH: Gray powder paint

M



CUSTOM SIZING









LATCH

r(es) crew(s)

WIDTH



OPTIONS

HEIGHT

X

Custom sizes are available. Rough opening is door size + 1/4".

OPTIONS

B Bonderized / galvanized
G Gasketing
M Masonry anchors
S T304 Stainless steel

# **High Security Access Door**

DOOR: 10 gauge cold rolled steel FRAME: 2" x 2" x 3/16" steel angle

HINGE: Surface-mounted heavy-duty butt

FINISH: Gray powder paint

SECURITY (

**CUSTOM SIZING** 





HS





WIDTH





#### LATCH

- D Detention lock prep M Mortise lock (1-1/8") prep
- S Security screws

#### STANDARD SIZES (WIDTH & HEIGHT)

12" x 12" 18" x 18" 24" x 24" 24" x 40" \* 16" x 16" 22" x 30" 24" x 36" \* 24" x 48" \*

Custom sizes are available. Rough opening is door size + 3/4".

\* Recommended for vertical surfaces only.

#### OPTIONS

- G Gasketing
- M Masonry Anchors S T304 Stainless Steel

# **Top Security Access Door**

DOOR: 7 gauge hot rolled steel

FRAME: 2" x 3" x 3/16" steel angle
HINGE: Surface-mounted heavy-du

HINGE: Surface-mounted heavy-duty butt PAN DEPTH: 1-1/4"

FINISH: Gray powder paint

SECURITY



VERTICAL ONLY



CUSTOM SIZING





TS











Custom sizes are available. Rough opening is door size + 1/4".

\* Recommended for vertical surfaces only.

OPTIONS Gasketing

M Masonry anchorsS T304 Stainless steel

# **Fire-Rated Security Access Door**

DOOR: 14 gauge cold rolled steel FRAME: 16 gauge cold rolled steel HINGE: ST: Flush continuous piano

SW/SP: Concealed pin

FINISH: Gray powder paint

INSULATION: 2" thick fire rated mineral fiber CERTIFICATION: UL listed "B" label for 1-1/2 hrs FIRE-RATED



**SECURITY** 



**VERTICAL ONLY** 



**CUSTOM SIZING** 



















Plaster casing





Custom sizes are available. Rough opening is door size + 1/4".

#### OPTIONS

- Bonderized / galvanized
- G Gasketing
- M Masonry anchors
- T304 Stainless steel

# **Draft Stop Access Door**

DOOR: 14 gauge cold rolled steel

(self-closing)

FRAME: 16 gauge cold rolled steel HINGE: Flush continuous piano FINISH: Gray powder paint

**VERTICAL ONLY** 



**CUSTOM SIZING** 



















36" x 36"

#### STANDARD SIZES (WIDTH & HEIGHT) 24" x 60" 22" x 36'

Custom sizes are available. Rough opening is door size + 1/4"



Bonderized / galvanized

DTK2230

- Gasketing
- T304 Stainless steel











# **Exterior Access Door**

The Nystrom Exterior Access Door provides efficient access from the exterior of your building without compromising security or weather resistance.

DOOR: XTM: 24 gauge galvanized steel

Non-mortise: 20 gauge galvanized steel

FRAME: .080" 6063-T5 extruded aluminum
HINGE: Stainless steel continuous piano

FINISH: Door: Paint grip finish

Frame: Mill

INSULATION: XTM: 2-1/4" polyurethane with 11 R-value

Non-mortise: 2-1/4" polyurethane with 13 R-value

GASKETING: Extruded santoprene

#### **Features**



#### Compatible with building key

With the mortise lock prep option, you can match the mortise cylinder to that of your building's other access points.



## Insulated for temperature control

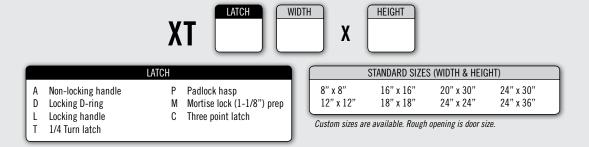
With 2-1/4" polyurethane insulation, the Nystrom Exterior Door is constructed to protect your building from the harshest climates.





### Tested for air & water penetration

Independent lab testing for air leakage per ASTM E 283 and water leakage per ASTM E 331-88 assures the best protection against the elements.



XTM1212

# **Lightweight Access Door**

DOOR: 26 gauge pre-finished embossed galvanized steel

FRAME: .045 6063-T5 extruded aluminum

HINGE: Aluminum continuous piano

FINISH: Door skin: White embossed steel

Frame: Clear anodized aluminum

FLANGE: Rolled 1-5/16" wide

INSULATION: 3/4" polystyrene with 3.8 R-value











**CUSTOM SIZING** 





STANDARD SIZES (WIDTH & HEIGHT)					
12" x 12"	24" x 24"	30" x 36"	72" x 48" *		
18" x 18"	24" x 36"	36" x 36"			
22" x 30"	24" x 48"	48" x 48" *			
22" x 36"	30" x 30"	60" x 48" *			
22 X 30	30 X 30	00 X 40			

Custom sizes are available. Rough opening is door size + 1/4".

\* Double door construction.

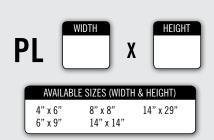
# **Plastic Access Door**

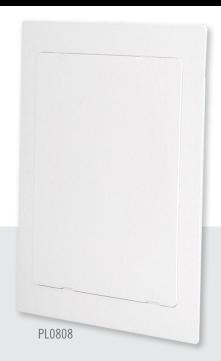
DOOR: 1/8" high impact styrene

plastic removable door

FRAME: Reversible 3/4" flange LATCH: Snap latches securing door

FINISH: Texturized white finish





# **Options**



B Galvanized / bonderized steel With primer coat. Use where corrosive resistance is required.



S Stainless steel type #304 Extremely resistant to corrosion. With #4 satin polish finish.



D Double leaf access panel Recommended for easy access to large openings.



C Drip cap on frame
Directs running water away from the face of the panel.



G Gasketing
Applied to the doorstops for weather resistance.
Also available with UL listed smoke seal.



Louvered door
Provides ventilation for special applications.



M Masonry anchors
Attached to the frame to secure the panel when installed in masonry.



 H Continuous piano hinge Provides specification compliance when required.



Z Concealed continuous piano hinge Provides added security while maintaining superior aesthetics.



Screwdriver operated cam latch Most common. Appropriate for standard applications.



H Hex head cam latch
Requires a standard allen wrench to open the panel.



Pinned hex head cam latch
For more secure applications — requires a
special pinned allen wrench to open the panel.



S Security screw — Pinned hex head Highest security without a lock — requires special pinned allen wrench to open the panel.



N Knurled knob cam latch
Unrestricted access — no tool required. Finger
operated.



Knurled knob/key operated latch bolt
Patented ball bearing latch bolt operated by a
screw-in type knurled knob or flush key.



D Detention lock preparation For heavy-duty detention deadbolt lock. Used in maximum security applications.



L Key operated cam lock
Provides an economical solution for controlled
access when locks are required.



M Mortise cylinder lock preparation Very secure. Matches project hardware. Accepts standard 1.125" mortise cylinder.



1" Flange



Drywall bead



Plaster bead



05.55.00

12.48.13

# Complimentary Building Products. Right to site.

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07.72.33	Roof Hatches
07.72.36	Smoke Vents
07.95.13	Expansion Joint Systems
08.31.00	Access Doors
08.31.00	Floor Doors
08.91.00	Louvers
10.26.00	Wall & Door Protection
10.44.13	Fire Safety

Stair Treads & Nosings

Nystrom.com 800.547.2635 9300 73rd Avenue North Minneapolis, MN 55428



**Entrance Flooring Systems** 

Right to site.

# Fire Cabinets



# Complementary Building Products

















# Fire Extinguisher Cabinets



# Fire Extinguisher Cabinets

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For over 50 years, Nystrom has developed and manufactured one of the broadest lines of metal access doors, roof hatches and smoke vents, expansion joints, louvers, and fire extinguisher cabinets in the commercial construction industry. Nystrom takes pride in delivering building product solutions ... Right to Site.





All Nystrom extinguisher cabinet boxes are constructed from heavy-duty, cold-rolled steel for durability, and powder-coated with an electrostatically applied, thermally-fused, recoatable white polyester finish. Door material is determined by the series and/or model number selected and tempered safety glass is used whenever glass is specified.

#### **Metal Finishes**

Within each series you may select a range of materials and optional finishes for the door and frame. A diversity of door styles is available to meet any project requirement.

#### **Metal Door and Frame Materials**

To select a finish, specify:

STEEL - Cold rolled steel with electrostatically applied, thermally-fused polyester coating with recoatable white

ALUMINUM - Satin finish, clear polyester-coated.

STAINLESS STEEL - Number 304 stainless, with number 4 finish.

BRASS - Polished finish, clear polyester-coated.

#### **Optional Door and Frame Finishes**

To further enhance these cabinets, you may choose a variety of optional glazing materials and lettering.

To select an optional finish, you must specify:

STEEL - Any available polyester color.

ALUMINUM - Light, Medium or Dark duranodic.

STAINLESS STEEL - Number 304 stainless, with number 8 mirror finish.

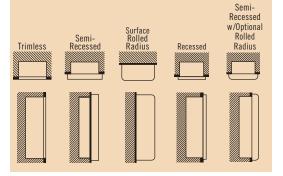
BRASS - Dark oxidized, oil rubbed.

BRONZE-U.S. Number 10 satin finish with clear polyester coating.

#### **Optional**

Rolled Radius available on recessed and semi-recessed (shown below). Standard on surface-mounted cabinets.

#### **Wall Mounting**



Full Glass

# **Alpine Series**



# Palisade Series

- 1 Select the cabinet dimensions, mounting style, door and frame material from the Alpine Series chart below. The cabinet dimensions and mounting type are determined by the fire extinguisher size and wall depth available.
- 2 Select the desired door style:
- Full Glass
- Full Break Glass with Lock\*
- -D Duo Panel
- -DV **Duo-Vertical Panel**
- Duo-Vertical Panel with Lock\*
- Center Break Glass with Lock\*
- -F Solid Flush Panel
- -FS Solid Flush Panel with Lock
- Full Glass with Flush Pull Handle
- \*Furnished with Break Rite® Handle. 3 Optional: Select the glazing material:
- **Bronze Tempered Safety Glass** Smoke Tempered Safety Glass
- **Obscure Tempered Safety Glass**
- 1/4" Wire Inserted Glass
- 1/8" Clear Acrylic
- 1/8" Amber Acrylic
- 1/8" White Acrylic
- -9 1/8" Smoke Acrylic
- -10 1/8" Red Acrylic
- 4 Optional lettering: "Fire Extinguisher"

		•	•		
Horizo	ntal⁺	Vertic	al	Vert. As	cending
-HW	White	-VW	White	-VAW	White
-HB	Black	-VB	Black	-VAB	Black
-HR	Red	-VR	Red	-VAR	Red
†Not av	ailable on	-A and -	DV Doors		

5 Optional Construction and Finishes:

**FRC-** Fire-Rated Cabinets (prefix)

Rolled Radius Frames (suffix) -RED Red Polyester Finish (suffix)



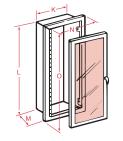
Variety, elegance and economy, by design — Alpine Series fire extinguisher cabinets offer an impressive variety of door styles, glazing materials, lettering, finishes and mounting configurations. In addition to their exceptional versatility, Alpine Series designs also feature durable, unitized construction for an economical solution that complements virtually any type of construction.

Fire extinguisher cabinet shall be Model No. Install the cabinets plumb and level, where indicated on the drawings, at heights acceptable to the authority having jurisdiction. Each cabinet shall have a Model No.

fire extinguisher installed inside.

Specification Example: FC-7080-A 1 FC-7080 - Cabinet Dimensions, Mounting and Material 2 A - Door Style - Full Glass

For the latest CAD, BIM, Spec, LEED, and general product information, please visit NYSTROM.com



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	MODE	L NUMBER		WALL MOUNTING		BOX I.D.		FRA	ME O.D.	1	WALL OPEN	ING		FRC OPTI	DN	Ġ	FOR USE WITH
STEEL	ALUMINUM	STAINLESS STEEL	BRASS		K	L	М	N	0	W	Н	D	W	Н	D	ADA	EXTINGUISHERS
FC-7007	FC-7037	FC-7057	FC-7077	Recessed-1/2	9	18	5	11¾	20¾	10	19	4¾	11¼	20	51/8	Yes	
FC-7008	FC-7038	FC-7058	FC-7078	Semi-Recessed-2	9	18	5	11¾	20¾	10	19	31/4	111/4	20	41/8	Yes	EX-3002 EX-3005
FC-7009	FC-7039	FC-7059	FC-7079	Surface	11½	201/2	5¾	-	-	-	-	-	-	-	-	No	EX-3005-3
FC-7010	FC-7030	FC-7050	FC-7070	Recessed-1/2	9	24	5	11¾	26¾	10	25	43/4	111/4	26	5%	Yes	EX-3302 EX-3305
FC-7012	FC-7032	FC-7052	FC-7072	Semi-Recessed-2	9	24	5	11¾	26¾	10	25	31/4	111/4	26	41/8	Yes	EX-3305-3
FC-7013	FC-7033	FC-7053	FC-7073	Semi-Recessed-3	9	24	5	11¾	26¾	10	25	21/4	11¼	26	31/8	Yes	
FC-7020	FC-7040	FC-7060	FC-7080	Recessed-½	9	24	5¾	11¾	26¾	10	25	5½	11¼	26	63/8	Yes	
FC-7021	FC-7041	FC-7061	FC-7081	Trimless	9	24	5¾	12¾	27¾	10	25	6	111/4	26	73/8	Yes	EX-3006 EX-3010
FC-7022	FC-7042	FC-7062	FC-7082	Semi-Recessed-2	9	24	5¾	11¾	26¾	10	25	4	111/4	26	41/8	Yes	EX-3306
FC-7023	FC-7043	FC-7063	FC-7083	Semi-Recessed-3	9	24	5¾	11¾	26¾	10	25	3	11¼	26	31/8	Yes	EX-3310 EX-3405
FC-7024	FC-7044	FC-7064	FC-7084	Surface	11½	261/2	5¾	-	-	-	-	-	-	-	-	No	
FC-7025	FC-7045	FC-7065	FC-7085	Recessed-½	12	27	8	14¾	29¾	13	28	7¾	141/4	29	85/8	Yes	
FC-7026	FC-7046	FC-7066	FC-7086	Trimless	12	27	8	15¾	30¾	13	28	81/4	141/4	29	95/8	Yes	EX-3020
FC-7027	FC-7047	FC-7067	FC-7087	Semi-Recessed-3	12	27	8	14¾	29¾	13	28	51/4	141/4	29	61/8	Yes	EX-3202 EX-3320
FC-7028	FC-7048	FC-7068	FC-7088	Semi-Recessed-5	12	27	8	14¾	29%	13	28	31/4	141/4	29	41/8	No	EX-3410
FC-7029	FC-7049	FC-7069	FC-7089	Surface	141/8	29¾	8	-	-	-	-	-	-	-	-	No	

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and frame material from the Palisade Series chart below. The cabinet dimensions and mounting type are determined by the fire extinguisher size and wall depth available. 2 Select the desired door style:

1 Select the cabinet dimensions, mounting style, door

- Full Acrylic Door
- Full Acrylic Door with Scored Insert and Cylinder Lock
- 3 Optional: Select the glazing material:
- -16
- -17 Bronze
- -18 White
- -19 Smoke
- -20 Red
- 4 Optional lettering: "Fire Extinguisher"

Horizo	ontal†	Vertic	al	Vert. As	cending
-HW	White	-VW	White	-VAW	White
-HB	Black	-VB	Black	-VAB	Black
-HR	-HR Red		Red	-VAR	Red
† Not a	available or	n -A and -	-DV Doors		

5 Optional Construction and Finishes:

- FRC- Fire-Rated Cabinets (prefix)
- Rolled Radius Frames (suffix)
- Red Polyester Finish (suffix)



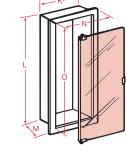
Attractive, contemporary and versatile — Palisade Series fire extinguisher cabinets feature the ultra-clean, contemporary look of a full acrylic door, available in five eye-pleasing panel colors. In addition, a host of letter colors and placement options make it easier than ever to specify a truly modern, durable and functional fire extinguisher cabinet.

Fire extinguisher cabinet shall be Model No. \_ Install the cabinets plumb and level, where indicated on the drawings, at heights acceptable to the authority having jurisdiction. Each cabinet shall have a Model No.

fire extinguisher installed inside.

4 VW - Optional Lettering - Vertical White

Specification Example: FC-7120-A-19-VW 1 FC-7120 - Cabinet Dimensions, Mounting and Material 2 A - Door Style - Full Acrylic Panel 3 19 - Acrylic Door Color - Smoke



For the latest CAD, BIM, Spec, LEED, and general product information, please visit NYSTROM.com

	MODEL	. NUMBER		WALL MOUNTING		BOX I.D.		FR	AME O.D.	V	VALL OPEN	ING		FRC OPTIC	)N	Ł	FOR HOT WITH
STEEL	ALUMINUM	STAINLESS STEEL	BRASS		K	L	М	N	0	W	Н	D	W	Н	D	ADA	FOR USE WITH EXTINGUISHERS
FC-7107	FC-7137	FC-7157	FC-7177	Recessed-1/2	9	18	5	11¾	20¾	10	19	43/4	11¼	20	51/8	Yes	
FC-7108	FC-7138	FC-7158	FC-7178	Semi-Recessed-2	9	18	5	11¾	20¾	10	19	31/4	1111/4	20	41/8	Yes	EX-3002
FC-7109	FC-7139	FC-7159	FC-7179	Surface	11½	201/2	5¾	-	-	-	-	-	-	-	-	No	EX-3005 EX-3005-3
FC-7110	FC-7130	FC-7150	FC-7170	Recessed-1/2	9	24	5	11¾	26¾	10	25	43/4	11¼	26	51/8	Yes	EX-3302 EX-3305
FC-7112	FC-7132	FC-7152	FC-7172	Semi-Recessed-2	9	24	5	11¾	26¾	10	25	31/4	1111/4	26	41/8	Yes	EX-3305-3
FC-7113	FC-7133	FC-7153	FC-7173	Semi-Recessed-3	9	24	5	11¾	26¾	10	25	21/4	11¼	26	31/8	Yes	
FC-7120	FC-7140	FC-7160	FC-7180	Recessed-1/2	9	24	5¾	11¾	26¾	10	25	5½	111/4	26	63/8	Yes	
FC-7121	FC-7141	FC-7161	FC-7181	Trimless	9	24	5¾	12¾	27¾	10	25	61/2	11¼	26	73//8	Yes	EX-3006 EX-3010
FC-7122	FC-7142	FC-7162	FC-7182	Semi-Recessed-2	9	24	5¾	11¾	26¾	10	25	4	11¼	26	41/8	Yes	EX-3306
FC-7123	FC-7143	FC-7163	FC-7183	Semi-Recessed-3	9	24	5¾	11¾	26¾	10	25	3	11¼	26	31/8	Yes	EX-3310 EX-3405
FC-7124	FC-7144	FC-7164	FC-7184	Surface	11½	261/2	5¾	-	-	-	-	-	-	-	-	No	210100
FC-7125	FC-7145	FC-7165	FC-7185	Recessed-1/2	12	27	8	14¾	29¾	13	28	7¾	141/4	29	85/8	Yes	
FC-7126	FC-7146	FC-7166	FC-7186	Trimless	12	27	8	15¾	30¾	13	28	8¾	141/4	29	9%	Yes	EX-3020
FC-7127	FC-7147	FC-7167	FC-7187	Semi-Recessed-3	12	27	8	14¾	29¾	13	28	51/4	141/4	29	61/8	Yes	EX-3202 EX-3320
FC-7128	FC-7148	FC-7168	FC-7188	Semi-Recessed-5	12	27	8	14¾	29¾	13	28	31/4	141/4	29	41/8	Yes	EX-3410
FC-7129	FC-7149	FC-7169	FC-7189	Surface	14%	29%	8	-	-	-	-	-	-	-	-	No	

All Dimensions In Inches

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# **Summit Series**



# **Ridge Series**

- 1 Select the cabinet dimensions. mounting style, door and frame material from the Summit Series chart below. The cabinet dimensions and mounting type are determined by the fire extinguisher size and wall depth available.
- 2 Select the desired door style:
- **Duo-Vertical Panel**
- Duo-Vertical Panel with Lock\*
- Solid Flush Panel
- Solid Flush Panel with Cylinder Lock \*Furnished with Break Rite® Handle.
- 3 Optional: Select the glazing material:
- **Bronze Tempered Safety Glass**
- Smoke Tempered Safety Glass
- **Obscure Tempered Safety Glass**
- 1/4" Wire Inserted Glass
- 1/8" Clear Acrylic
- 1/8" Amber Acrylic
- 1/8" White Acrylic
- 1/8" Smoke Acrylic
- 1/8" Red Acrylic
- 4 Optional lettering: "Fire Extinguisher"

Horizo	ntal†	Vertic	al	Vert. Ascendi				
-HW	White	-VW	White	-VAW	White			
-HB	Black	-VB	Black	-VAB	Black			
-HR	Red	-VR	Red	-VAR	Red			
†Not a	vailable on	-A and -	DV Doors					

5 Optional Construction and Finishes:

**FRC-** Fire-Rated Cabinets (prefix)

Rolled Radius Frames (suffix)

Red Polyester Finish (suffix)

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#### A solid design that's solidly in-step — The Summit Series of

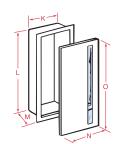
fire extinguisher cabinets distinguishes itself with an exceptionally refined look that's realized by concealing all handles and hinges. Depending upon door style, glazing and other options chosen, a Summit Series cabinet can be designed to effortlessly blend into its surrounding environment or be unmistakably conspicuous.

Fire extinguisher cabinet shall be Model No. Install the cabinets plumb and level, where indicated on the drawings, at heights acceptable to the authority having jurisdiction.

Each cabinet shall have a Model No.

fire extinguisher installed inside.

Specification Example: FC-7280-F-HB 1 FC-7280 - Cabinet Dimensions, Mounting and Material 2 F - Door Style - Duo-Vertical Panel



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	MODE	NUMBER		WALL MOUNTING		BOX I.D.		FR.	AME O.D.	V	VALL OPEN	ING		FRC OPTIO	ON	6	FOR USE WITH
STEEL	ALUMINUM	STAINLESS STEEL	BRASS		K	L	M	N	0	W	Н	D	W	Н	D	ADA	EXTINGUISHERS
FC-7210	FC-7230	FC-7250	FC-7270	% Protrusion	9	18	5¾	11¾	20¾	10	19	6	11¼	20	61/8	Yes	EX-3002 EX-3005-3
FC-7220	FC-7240	FC-7260	FC-7280	% Protrusion	9	24	5¾	11¾	26¾	10	25	6	11¼	26	61/8	Yes	EX-3002 EX-3310
FC-7225	FC-7245	FC-7265	FC-7285	% Protrusion	12	27	8	14¾	29¾	13	28	81/4	141/4	29	91/8	Yes	EX-3202, EX 3020 EX 3410

3 HB - Optional Lettering - Horizontal Black

In the interest of public safety, Nystrom provides tempered safety glass exclusively, when glass is specified.

- 1 Select the cabinet dimensions. mounting style, door and frame material from the Ridge Series chart below. The cabinet dimensions and mounting type are determined by the fire extinguisher size and wall depth available.
- 2 Select the desired door style:
- -BA Full Bubble with Catch
- Full Bubble with Scored Acrylic Insert and Trip Lever Cylinder Lock
- 3 Optional: Select the glazing material:
- Clear Colorless
- -7 Bronze
- -9 Smoke
- 4 Optional lettering: "Fire Extinguisher"

		-	_
Vertic	al	Vert. As	cending
-VW	White	-VAW	White
-VB	Black	-VAB	Black
-VR	Red	-VAR	Red

5 Optional Construction and Finishes:

FRC- Fire-Rated Cabinets (prefix) Rolled Radius Frames (suffix) Red Polyester Finish (suffix)

For the latest CAD, BIM, Spec, LEED, and general

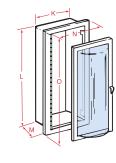
product information, please visit NYSTROM.com



A solution that clearly stands out from the crowd — A convex, clear plastic "bubble" window is the earmark of the Ridge Series fire extinguisher cabinets. This ultra-practical design delivers 180° of visibility for quick identification of the extinguisher. The Ridge's shallow design is also ideal for contemporary structures with limited wall depth.

#### SPECIFICATION Fire extinguisher cabinet shall be Model No. Install the cabinets plumb and level, where indicated on the drawings, at heights acceptable to the authority having jurisdiction. Each cabinet shall have a Model No. fire extinguisher installed inside. FC-7320-BA Specification Example:

1 FC-7320 - Cabinet Dimensions, Mounting and Material 2 BA - Door Style - Full Bubble with Catch



	MODEL	NUMBER		WALL MOUNTING		BOX I.D.		FRA	IME O.D.	V	VALL OPEN	ING		FRC OPTIO	IN	Ġ	FOR USE WITH
STEEL	ALUMINUM	STAINLESS STEEL	BRASS		K	L	М	N	0	W	Н	D	W	Н	D	ADA	EXTINGUISHERS
FC-7307	FC-7337	FC-7357	FC-7377	Recessed-1/2	9	18	4	11¾	20¾	10	19	3¾	11¼	20	45/8	Yes	EX-3002 EX-3005
FC-7308	FC-7338	FC-7358	FC-7378	Semi-Recessed-2	9	18	4	11¾	20¾	10	19	21/4	11¼	20	31//8	Yes	EX-3005-3 EX-3302
FC-7309	FC-7339	FC-7359	FC-7379	Surface	11½	20½	4	-	-	-	-	-	-	-	-	No	EX-3305 EX-3305-3
FC-7320	FC-7340	FC-7360	FC-7380	Recessed-1/2	9	24	4	11¾	26¾	10	25	3¾	11¼	26	45/8	Yes	EX-3002 EX-3005, EX-3005-3
FC-7321	FC-7341	FC-7361	FC-7381	Trimless	9	24	41/2	12¾	27¾	10	25	41/4	11¼	26	51/8	Yes	EX-3006, EX-3010 EX-3302, EX-3305
FC-7322	FC-7342	FC-7362	FC-7382	Semi-Recessed-2	9	24	4	11¾	26¾	10	25	21/4	111/4	26	31/8	Yes	EX-3305-3 EX-3306, EX-3310
FC-7324	FC-7344	FC-7364	FC-7384	Surface	11½	26½	4	-	-	-	-	-	-	-	-	No	
FC-7325	FC-7345	FC-7365	FC-7385	Recessed-1/2	12	27	4¾	141/2	291/2	13	28	41/2	141/4	29	53//8	Yes	EX-3020*
FC-7326	FC-7346	FC-7366	FC-7386	Trimless	12	27	51/4	151/2	30½	13	28	51/2	141/4	29	63/8	Yes	EX-3202* EX-3320*
FC-7327	FC-7347	FC-7367	FC-7387	Semi-Recessed-3	12	27	4¾	141/2	291/2	13	28	3	141/4	29	21/8	Yes	EX-3405
FC-7329	FC-7349	FC-7369	FC-7389	Surface	141/2	291/2	43/4	-	-	-	-	-	-	-	-	Yes	

\*Add 1" to M & D Dimension

All Dimensions In Inches

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# **Detention & Institution Cabinets**



Metal Valves

# **Portable Fire Extinguishers**



**Detention Series Cabinets** provide the specifier with the substantial unitized design of 12 gauge cold-rolled steel construction for maximum security facilities. All corners are mitered and ground smooth to eliminate any dangerous projections. The heavy-duty continuous hinge adds to the secure features of these cabinets.

SPECIFICATION

Detention Cabinet shall be Model No. \_

Install the cabinet plumb and level, where indicated on the drawings at heights acceptable to the authority having jurisdiction.

Regularly furnished: 12 gauge powder-coated with a thermally-fused white polyester finished steel box, 12 gauge flat steel door and frame.

Heavy-duty continuous hinge with brass pin. All corners mitered and ground smooth. Finished with white polyester coating.

Furnished with provision for security-type lock, as required. Wall mounting, cabinet size and use as selected by model number.

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#### For the latest CAD, BIM, Spec, LEED, and general product information, please visit NYSTROM.com

	MODEL	WALL			INSIDE B	OX	OVERAL	L FRAME	W	LL OPEN	IING		INLET LO	CATION		SHELF	Ġ	Ø
FOR USE AS	NUMBER	MOUNTING	CAPACITY	K	- 1	M	N	0	W	Н	D	W	X	Y	Z	Z - Z	ADA	FRC
Hose	DC-1002	Recessed	100' Hose Unit	24	30	5½	27¾	33¾	25	31	6	4	23/4	-	-	-	Yes	Yes
Cabinet	DC-1052	Surface	100 Hose unit	24	30	5½	-	-	-	-	-	-	-	-	-	-	No	No
Hose and Extinguisher	DC-1302	Recessed	100' Hose Unit,	30	30	8	33¾	33¾	31	31	81/2	4	4	-	-	-	Yes	Yes
Cabinet	DC-1352	Surface	2½ Gal. Water Ext.	30	30	8	-	-	-	-	-	-	-	-	-	-	No	No
	DC-1704	Recessed	10 Lb. Dry Chem. Ext.	9	24	8	12¾	27¾	10	25	81/2	-	-	-		-	Yes	Yes
Extinguisher	DC-1706	Recessed	2½ Gal. Water Ext.	12	27	8	15¾	30¾	13	28	81/2	-	-	-	-	-	Yes	Yes
Cabinet	DC-1754	Surface	10 Lb. Dry Chem. Ext.	9	24	8	-	-	-	-	-	-	-	-	-	-	No	No
	DC-1756	Surface	2½ Gal. Water Ext.	12	27	8	-	-	-	-	-	-	-	-	-	-	No	No
Valve	DC-1810	Recessed	01/" Angle Velve	18	18	8	21¾	21¾	19	19	81/2	9	4	-	-	-	Yes	Yes
Cabinet	DC-1815	Surface	2½" Angle Valve	18	18	8	-	-	-	-	-	-	-	-	-	-	No	No
Valve and	DC-1870	Recessed	2½ " Angle Valve	14	40	8	17¾	43¾	15	41	81/2	-	-	4	4	12	Yes	Yes
Extinguisher Cabinet	DC-1875	Surface	2½" Gal. Water Ext.	14	40	8	-	-	-	-	-	-	-	-	-	12	No	No











CARBON DIOXIDE

ABC DRY CHEMICAL

HALOTRON 1

ABC MULTI-PURPOSE DRY CHEMICAL: Used to provide protection against class A, B, and C fires; Red, glossy, polyester-coated steel cylinder with pressure gauge,

wall mounting bracket, and hose or nozzle as indicated. Contents stored under pressure at approximately 195 P.S.I. HALOTRON 1: EPA approved "Clean Agent" for class A, B, and C fires; Red, glossy, polyester-coated steel cylinder with

	Ü	, ,	, , , ,	,,,,	,		
MODEL Number	NOMINAL Capacity	<b>UL</b> RATING	FM	HEIGHT	CYLINDER Diameter	RANGE OF Stream	TYPE Discharge
EX-3002	21/2 lbs.	1A:10B:C	YES	143/4"	3"	9'-15'	Nozzle
EX-3005	5 lbs.	2A:10B:C	YES	151/4"	41/4"	12'-18'	Hose
EX-3005-3	5 lbs.	3A:40B:C	NO	151/4"	41/4"	12'-18'	Hose
EX-3006	6 lbs.	3A:40B:C	YES	16"	5"	15'-21'	Hose
EX-3010	10 lbs.	4A:60B:C	YES	20"	5"	15'-21'	Hose
EX-3020	20 lbs.	20A:120B:C	YES	231/4"	7"	15'-21'	Hose

	OPTIONAL MO	DUNTING BRACKETS
	MODEL NUMBER	FITS SIZE
	EX-3901	5 lb.
	EX-3902	6 lb.
	EX-3903	10 lb.
	EX-3904	20 lb.
	EX-3909	5, 6, 10 lb.
	EX-3910	20 lb.
_		

discharge nozzle and bracket. Contents pressurized at approximately 125 P.S.I.

PRESSURIZED WATER / FFFP FOAM\*: Used to provide protection against class A fires; Stainless steel shell with pressure gauge and wall mounting bracket

MODEL Number	NOMINAL CAPACITY	<b>UL</b> RATING	APPROVED	HEIGHT	CYLINDER Diameter	RANGE OF Stream	TYPE Discharge
EX-3101	1.4 lbs.	1B:C	NO	10"	27/8"	6'-8'	Nozzle
EX-3102	2.5 lbs.	2B:C	NO	14¾"	3"	6'-10'	Nozzle
EX-3105	5 lbs.	5B:C	NO	15¼"	41/4"	9'-15'	Nozzle
EX-3111	11 lbs.	1A:10B:C	NO	211/2"	6 "	9'-15'	Hose & Nozzle
EX-3115	15.5 lbs.	2A:10B:C	NO	211/2"	6 "	12'-18'	Hose & Nozzle

Call for information on water mist "Clean Agent" and wet chemical "Kitchen Use" extinguishers

(foam unit furnished with combination cartridge holder, cartridge, and nozzle). Shipped empty, to be charged at destination by authorized personnel. BC DRY CHEMICAL: Used to provide protection against class B and C fires; Same as multi-purpose shown above.

MODEL Number	NOMINAL Capacity	UL RATING	FM APPROVED	HEIGHT	CYLINDER Diameter	RANGE OF Stream	TYPE Discharge
EX-3202 (Water)	21/2 gals.	2A	YES	241/2"	7"	45'-55'	Hose
EX-3252 (Foam)	21/2 gals.	3A:20B	NO	241/2"	7"	10'-15'	Hose

OPTIONAL MO	OUNTING BRACKETS
MODEL NUMBER	FITS SIZE
EX-3904	2 <sup>1</sup> / <sub>2</sub> gals.

\*OPTION: -AF Anti-freeze charge

CARBON DIOXIDE: Used to provide protection against class B and C fires; Red, glossy, polyester-coated aluminum cylinder,

MODEL Number	NOMINAL CAPACITY	<b>UL</b> RATING	FM	HEIGHT	CYLINDER Diameter	RANGE OF Stream	TYPE Discharge
EX-3302	21/2 lbs.	10B:C	YES	143/4"	3"	9'-15'	Nozzle
EX-3305	5 lbs.	10B:C	YES	151/4"	41/4"	12'-18'	Nozzle
EX-3305-3	51/2 lbs.	40B:C	NO	151/4"	41/4"	12'-18'	Hose
EX-3306	6 lbs.	40B:C	YES	163/4"	5"	15'-21'	Hose
EX-3310	10 lbs.	60B:C	YES	20"	5"	15'-21'	Hose
EX-3320	20 lbs.	120B:C	YES	231/4"	7"	15'-21'	Hose

OPTIONAL MOUNTING BRACKETS						
MODEL NUMBER	FITS SIZE					
EX-3901	5 lb.					
EX-3902	6 lb.					
EX-3903	10 lb.					
EX-3904	20 lb.					
EX-3909	5, 6, 10 lb.					
EX-3910	20 lb.					

with discharge horn and wall bracket. Contents pressurized at approximately 735 P.S.I.

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MODEL Number	NOMINAL CAPACITY	<b>UL</b> RATING	FM	HEIGHT	CYLINDER Diameter	OVERALL WIDTH	RANGE OF STREAM	TYPE Discharge
EX-3405	5 lbs.	5B:C	YES	173/4"	51/4"	81/4"	3'-8'	Horn
EX-3410	10 lbs.	10B:C	YES	24"	7"	12"	3'-8'	Hose & Horn
EX-3415	15 lbs.	10B:C	YES	30"	7"	12"	3'-8'	Hose & Horn
EX-3420	20 lbs.	10B:C	YES	30"	8"	13"	3'-8'	Hose & Horn

OPTIONAL MOUNTING BRACKETS						
MODEL NUMBER	FITS SIZE					
EX-3903	5 lb.					
EX-3904	10, 15 lb.					
EX-3905	20 lb.					
EX-3909	5 lb.					

\* Security locks provided as specified.



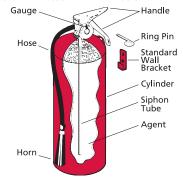
# **Fire Cabinet Accessories**

# NYSTROM® Right to site.

ADA GUIDELINE COMPLIANT

# **Regulatory ADA and NFPA**

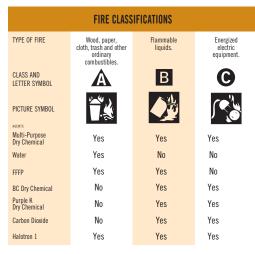
#### TYPICAL STORED-PRESSURE FIRE EXTINGUISHER



#### PRINCIPLES OF SELECTING EXTINGUISHERS:

- Type of potential fire hazard.
- · Severity of potential fire hazard.
- Environmental conditions of potential fire hazard.
- Effectiveness of extinguisher on potential fire hazard.
- Training and physical capabilities of available personnel to operate extinguisher
- Upkeep and maintenance requirements of extinguisher.

For further information, refer to NFPA 10-1999 edition.



#### EXTINGUISHING AGENTS

ABC MULTI-PURPOSE dry chemical is an effective agent in extinguishing class A, B, and C fires. The agent base is ammonium phosphate.

HALOTRON 1 is a "Clean Agent" HydroChloroFluoro-Carbon, discharged as a rapidly evaporating liquid, which leaves no residue. It effectively extinguishes Class A, B and C fires by cooling and smothering, and it will not conduct electricity back to the user

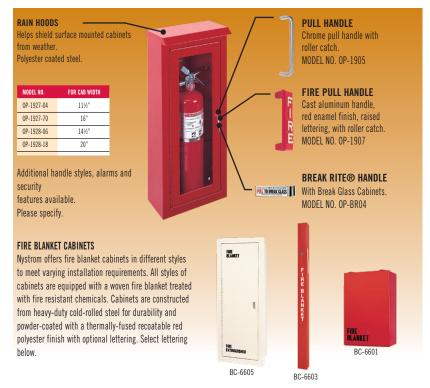
WATER is an effective agent in extinguishing class A fires.

FFFP is an effective agent in extinguishing class A and B fires. Superior to water in wetting and penetration.

BC DRY CHEMICAL is an effective agent in extinguishing class B and C fires. The agent base is sodium bicarbonate.

PURPLE-K dry chemical is an effective agent in extinguishing class B and C fires. It is more effective than conventional agents. The agent base is potassium bicarbonate.

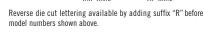
CARBON DIOXIDE is an effective agent in extinguishing class B and C fires. It will neither contaminate nor leave residue on materials which it extinguishes.



MODEL NUMBER	WALL Mounting	BOX I.D.	COMPARTMENT SIZE	WALL FO Opening	R USE WITH EXTIN- Guishers	ADA	FRC
FIRE BLANK	ET CABINET						
BC-6601	Surface	15 x 10 x 5	-	Includes Blanket	-	No	No
BC-6602	-	60 x 90	-	Fire Blanket only	-	No	No
WRAP-AROL	JND BLANKET CABINE	T (Includes Blanke	et)				
BC-6603	Surface	70½ x 5¼ x 4½	-	-	-	No	No
FIRE BLANK	ET AND EXTINGUISHE	R CABINET (Includ	es Blanket)				
BC-6605	Recessed-5/8	14 x 40 x 8	14 x 28 x 8	15 x 41 x 8	EX-3002-3020	Yes	Yes
BC-6606	Trimless	14 x 40 x 8	14 x 28 x 8	15 x 41 x 9	EX-3002-3252	Yes	Yes
BC-6607	Semi-Recessed	14 x 40 x 8	14 x 28 x 8	15 x 41 x 6	EX-3002-3320	Yes	Yes
BC-6609	Surface	16 x 42 x 9 ½	-	16 x 30 x 9 ½	EX-3002-3410	No	No

# OPTIONAL MOUNTING BRACKETS For use with portable fire extinguishers when additional security is required due to vibration. Furnished with 16 gauge glossy polyester coated steel bracket with spring-type band and/or rubber strap. See extinguisher chart on page 46 for specification. EX-3901 & EX







#### CONSENSUS STANDARDS. REQUIREMENTS. CODES AND LAWS

The placement of fire extinguishers and fire extinguisher cabinets is driven by a group of consensus standards, requirements, codes and laws. Ultimately, where, how many, and what type, will be determined by the authority having jurisdiction for that location. The authority could be as diverse as the City Building Inspector or the Deputy Chief of Staff for Installations and Logistics.

The requirements that establish placement practice are ultimately found in local fire prevention codes at one end of the spectrum or Federal Law at the other

For the proper location, type and number of fire extinguishers, consult with the local authority having jurisdiction. As a general guideline, we offer the following excerpt from Occupational Safety and Health Administration - Sub Part L and from National Consensus documents:

# AMERICANS WITH DISABILITIES ACT OF 1990 - PROTRUDING OBJECTS The majority of fire extinguishers, when hung on a wall, protrude more than 4" into walks, halls, corridors.

The majority of fire extinguishers, when hung on a wall, protrude more than 4" into walks, halls, corridors, passageways or aisles. To comply with the Americans with Disabilities Act of 1990 (ADA), objects protruding from walls (fire extinguishers) with their leading edges between 27 in. and 80 in. above the finished floor, shall protrude no more than 4" into walks, halls, corridors, passageways or aisles. Therefore, fire extinguishers that protrude more than 4" Nystrom fire extinguisher cabinets allow the specifier to comply with the ADA protrusion requirements, which are identified in each dimensional table found in this catalog. Please note the column headed ADA Compliance to specify the appropriate fire extinguisher cabinet.

#### Fire Extinguisher Size and Placement CRITERIA (Per NFPA 10)

#### For Class A Hazards

CRITERIA	LIGHT Occupancy	ORDINARY Occupancy	EXTRA Occupancy
Minimum Rated Single Extinguisher	2-A	2-A	4-A
Maximum Floor Area per Unit of A	3,000 sq.ft.	1,500 sq.ft.	1,000 sq. ft.
Maximum Floor Area for Extinguisher	11,250 sq.ft.	11,250 sq.ft.	11,250 sq. ft.
Maximum Travel Distance to Extinguisher	75'	75'	75'

#### For Class B Hazards

TYPE OF HAZARD	MAXIMUM EXTINGUISHER RATING	MAXIMUM TRAVEL DISTANCE To extinguisher
Light (Low) 10-B	5-B 50'	30'
Ordinary (Moderate) 20-B	10-В 50'	30'
Extra (High) 80-B	40-B 50'	30'

#### For Class C Hazards

Class C ratings are required where energized electrical equipment is encountered. Since fire itself is a Class A or B hazard, the extinguishers are sized and located on the basis of the Class A or B hazard.

#### INSTALLATION OF FIRE EXTINGUISHERS

Portable fire extinguishers shall be securely installed on the hangers or in the bracket supplied or placed in cabinets or wall recesses. Wheeled-type extinguishers shall be in a designated location.

Extinguishers having a gross weight not exceeding 40 lbs. shall be installed so that the top of the extinguisher is not more than 5' above the floor.

Extinguishers having a gross weight greater than 40 lbs. shall be installed so that the top of the extinguisher is not more than 3'6" above the floor.

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# Fire Cabinets



















Right to site.

# Louvers



# COMPLEMENTARY BUILDING PRODUCTS















PG 8

PG 9

PG 9

PG 10



# PRODUCT FAMILY

PG 3

PG 4



- · Use in Florida's High Velocity Zone
- Miami-Dade models tested to TAS 201, 202, and 203
- · Dade-County or Florida approved



Excellent rigidity

- Minimizes wind deflection
- · Available in variety of sizes
- Multiple blade depths & angles available



- Utilized to keep wind driven rain out
- Protects key equipment from elements
- · Variety of blade depths available



- Inhibit vision of equipment
- Protective barrier
- Available in various blade styles

PG 5



- · Utilized in noisy environments
- · Available in variety of sizes
- Sound insulated louver



- Constructed of .125 extruded aluminum
- · Standard clear anodized finish
- Ducts & dampers available as an option

PG **6** 



- Prevents water penetration in non wind driven rain environments
- Collects water in blade gutters & channel to downspouts
- Variety of blade depths & angles available



- Utilized for P.T.A.C. units
- Utilized in decorative applications
- Extruded aluminum (durable)
- Configurable product

PG 7



- · Clean attractive design
- Available in variety of sizes
- Used when water penetration is non-Critical



- Custom shaped louvers
- · Operable & combination louvers
- Dampers

PG 11

PG 10



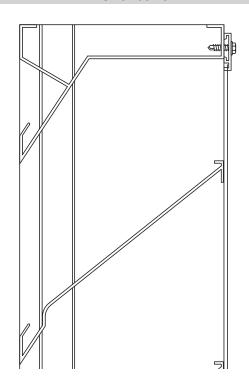
## MIAMI-DADE APPROVED

Miami-Dade Approved Airline Louvers have been designed to meet the stringent criteria established by Miami-Dade and the Florida Building code. Nystrom's Miami-Dade models have passed TAS-201 Large Missile Impact Test, TAS-202 Uniform Static Pressure Test, and TAS-203 Cyclic Wind Pressure Load Test. All models are designed to be used when your building is located in a potential tornado, strong wind, or hurricane zone. Coming Soon our 5" Wind Driven Rain Miami-Dade Louver.



700 Sixth Street - Miami, FL

#### LSA6D38DC







Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	Pressure Drop	Tested Wind Speed +/-	
LSA6D38DC LSA6D38FL	.081" .081"	.081" .081"	5.91" 5.91"	6" 6"	38° 38°	57% 57%	1023 1023	.13	148 PSF 50 PSF	















f		SERIES
	S	STATIONARY
	C	COMBINATION
	FL	BRICK VENT
	EX	BRICK VENT
١		

	MATERIAL
<b>A</b>	ALUMINUM
G	GALVANIZE STEEL

ſ		BLADE	DEPTI	
Γ	150	1.5"	6	6"
Т	2	2"	7	7"
Т	4	4"	8	8"
	5	5"	12	12"

W WEATHER FL FLORIDA APPRO S STORM CDD/L WIND DRIVEN F	OVED
S STORM CDD/L WIND DRIVEN F	
	RAIN
D DRAINABLE ACC ACCOUSTICAL	
DD DOUBLE DRAINABLE VSP SIGHT PROOF	
DC DADE COUNTY YSP SIGHT PROOF	

	BLADE ANGLE	
38	37.5° - 38°	
45	45°	

DC DADE COUNTY
FL FLORIDA APPROVED



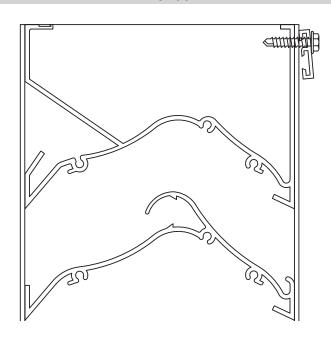
# WIND DRIVEN RAIN

Wind Driven Rain Airline Louvers have the added protection needed to keep the elements outside and withstand severe weather conditions. These profiles are built to stop excessive water by draining it and preventing harm to your building. Protect your sensitive equipment and keep water out with our full line of Wind Driven Rain louvers.



Victory Plaza - Dallas, TX

#### LSA5CDD





AMCA Certified: LSA4CDD LSA5CDD LSA5CDDL LSA7CDD



Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	Tested Wind Speed
LSA2CDD	.45"	.60"	.813"	2"	Chevron	43%	680	50 mph
LSA4CDD	.63"	.81"	1.625"	4"	Chevron	40%	1250+	50 mph
LSA5CDD	.81"	.81"	2" / 50"	5"	Chevron	44%	1250+	50 mph
LSA5CDDL	.63"	.81"	2" / 50"	5"	Chevron	44%	1250+	50 mph
LSA7CDD	.81"	.81"	4.74" / 2.37"	7"	Chevron	49%	NA	29 mph
LSA8CDD	.60"	.81"	2.75" / 50"	8"	Chevron	46%	NA	29 mph









SERIES						
S	STATIONARY					
C	COMBINATION					
FL	BRICK VENT					
EX	BRICK VENT					
$\overline{}$						

MATERIAL	
ALUMINUM	
GALVANIZE STEEL	
	ALUMINUM

BLADE DEPTH							
150	1.5"	6	6"				
2	2"	7	7"				
4	4"	8	8"				
5	5"	12	12"				
				_			

BLADE TYPE							
W	WEATHER	FL	FLORIDA APPROVED				
S	STORM	CDD/L	WIND DRIVEN RAIN				
D	DRAINABLE	ACC	Accoustical				
DD	DOUBLE DRAINABLE	VSP	SIGHT PROOF				
DC	DADE COUNTY	YSP	SIGHT PROOF				



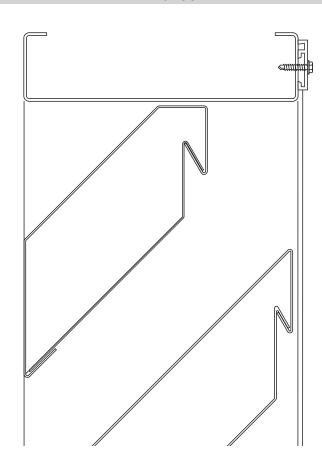
# **A**COUSTICAL

Acoustically insulated Airline Louvers keep the necessary sound in while preventing unwanted noise from getting out. Acoustical louvers allow the flow of air while preventing noise pollution.



Chalmette High School - Chalmette, LA







All Models are AMCA Certified



Model	Blade Thickness	Frame Thickness	Blade Depth	Blade Angle	Free Area %	Water Penetration
4ACC	.080"	.100"	4"	45°	29%	703 fpm
6ACC	.080"	.100"	6"	45°	30%	872 fpm
6ACC125	.081"	.125"	6"	45°	30%	1019 fpm
8ACC	.080"	.100"	8"	45°	26%	838 fpm
12ACC	.80"	.100"	12"	45°	22%	1054 fpm





BLADE DEPTH								
150 1.5" 6 6"								
2	2"	7	7"					
4	4"	8	8"					
5	5"	12	12"					

	BLADE TYPE						
W	Weather	FL	FLORIDA APPROVED				
S	STORM	CDD/L	WIND DRIVEN RAIN				
D	DRAINABLE	ACC	ACCOUSTICAL				
DD	Double Drainable	VSP	SIGHT PROOF				
DC	DADE COUNTY	YSP	SIGHT PROOF				



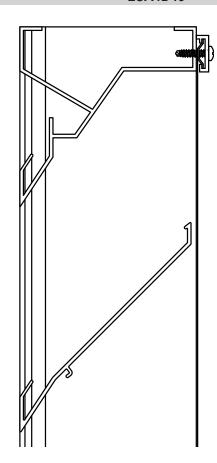
#### **D**RAINABLE

Drainable Airline Louvers feature an edge gutter and downspout in each blade specially constructed for water disposal. Falling water is drained into the jambs removing cascading water droplets from the air stream. Drainable blades are highly recommended for use in applications where water penetration and air performance are most critical. Drainable blade louvers allow very low water penetration with extremely high free area and have excellent rigidity which helps to minimize wind deflection. These features, coupled with the louver's unique blade design, provide the industry's top draining performance.



Round Top Architectural Louver - Minneapolis, MN

#### LSA4D45





AMCA Certified: LSA2D45 LSA4D38 LSA4D45 LSG4D38 LSA6D38 LSG6D38 LSA6DD42



Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration
LSA2D45	.62"	.62"	3.19"	2'	45°	38%	1197 fpm
LSA4D38	.81"	.81"	5.09"	4"	38°	54%	873 fpm
LSG4D38	18GA	16GA	3.5"	4"	38°	52%	961 fpm
LSA4D45	.81"	.81"	4"	4"	45°	54%	1075 fpm
LSA4DD45	.81"	.81"	5.09"	4"	45°	44%	974 fpm
LSA6D38	.81"	.81"	5.91"	6"	38°	57%	1023 fpm
LSG6D38	18GA	16GA	4.75"	6"	38°	54%	896 fpm
LSA6DD42	.81"	.81"	5"	6"	42°	51%	852 fpm
LSA6DD45	.100"	.120"	6"	6"	45°	44%	1080 fpm
LSA6D35S	.81"	.125"	4"	6"	35°	62%	1250 fpm













	SERIES
S	STATIONARY
C	COMBINATION
FL	BRICK VENT
EX	BRICK VENT

	MATERIAL	
A G	ALUMINUM GALVANIZE STEEL	

	BLADE	DEPT	TH .
15	0 1.5"	6	6"
2	2"	7	7"
4	4"	8	8"
5	5"	12	12"

1		BLAD	DE TYPE	
1	W	WEATHER	FL	FLORIDA APPROVED
П	S	STORM	CDD/L	WIND DRIVEN RAIN
П	D	DRAINABLE	ACC	Accoustical
Ш	DD	Double Drainable	VSP	SIGHT PROOF
1	DC	DADE COUNTY	YSP	SIGHT PROOF

BL	ADE ANGLE	
38	37.5° - 38°	
45	45°	
		J



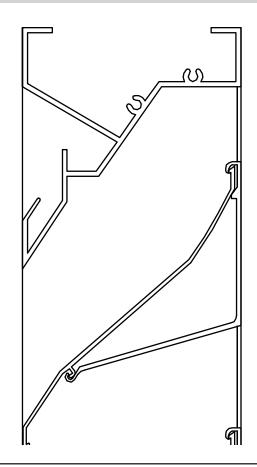
## **W**EATHER

Weather Resistant Airline Louvers are manufactured with a clean attractive design that provides all-weather protection. The continuous blade presents uninterrupted horizontal lines enhancing your architectural design. Weather resistant blades are economical and recommended in applications where water penetration and air performance are not critical.



Chaifetz Arena - St. Louis, MO

#### LSA4W38





AMCA Certified: LSA4W38 LSA6W38



Y-Sight Proof: LSA4VSP LSA4YSP



Model	Blade Thickness	Frame Thickness*	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration
LSA150W45	.62"	.62"	1.5"	1.5"	45°	43%	NA
LSA4W38	.81"	.81"	5.09"	4"	38°	54%	803 fpm
LSA6W38	.81"	.81"	6"	6"	38°	55%	1010 fpm
LSA4VSP	.81"	.81"	4"	5"	62°	35%	NA
LSA4YSP	.81"	.81"	4"	4"	45° (Inverted Y)	33%	NA
LSA150W30	.62"	.62"	1.5"	1.5"	30°	49%	NA













	SERIES
S	STATIONARY
C	COMBINATION
FL	BR ICK VENT
EX	BRICK VENT

	MATERIAL
<b>A</b> G	ALUMINUM GALVANIZE STEEL
$\overline{}$	

	BLADE	DEPTI	
150	1.5"	6	6"
2	2"	7	7"
4	4"	8	8"
5	5"	12	12"

	BLA	DE TYPE	
W	WEATHER	FL	FLORIDA APPROVED
S	STORM	CDD/L	WIND DRIVEN RAIN
D	DRAINABLE	ACC	ACCOUSTICAL
DD	DOUBLE DRAINABLE	VSP	SIGHT PROOF
DC	DADE COUNTY	YSP	SIGHT PROOF

BL	ADE ANGLE
38	37.5° - 38°
45	45°



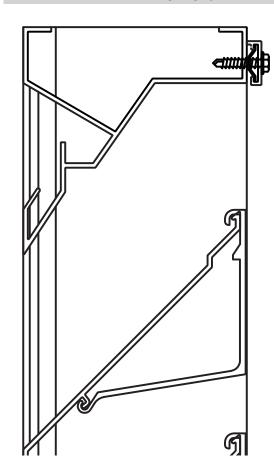
# STORM

Storm Airline Louvers feature specially constructed blades with a center weather baffle for optimum protection. Storm resistant louvers are generally used where water penetration and air performance are required but not critical. Storm Blade Louvers have excellent rigidity which helps to minimize wind deflection.



First Lutheran Church - Lawton, OK







AMCA Certified: LSA4S38 LSA4S45 LSG4S45



Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration
LSA2S45	.62"	.62"	3.188"	2"	45°	41%	N/A
LSA4S38	.81"	.81"	4.75"	4"	38°	52%	696 fpm
LSA4S45	.81"	.81"	4.75"	4"	45°	53%	871 fpm
LSA6S45	.125"	.125"	5.91"	6"	45°	48%	680 fpm
LSG4S45	18GA	16GA	5"	4"	45°	45%	725 fpm
LSG6S45	20GA	20GA	6.6875"	6"	45°	42%	668 fpm











		SERIES
	S	STATIONARY
	C	COMBINATION
		BRICK VENT
Ĺ	EX	BRICK VENT

	MATERIAL
A G	ALUMINUM GALVANIZE STEEL

1	BLADE DEPTH						
	150	1.5"	6	6"			
	2	2"	7	7"			
	4	4"	8	8"			
Į	5	5"	12	12"			
- 1	_	-					

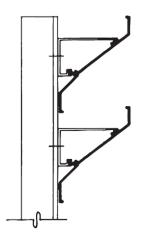
- 1		BLA	DE TYPE	
	W	WEATHER	FL	FLORIDA APPROVED
	S	STORM	CDD/L	WIND DRIVEN RAIN
	D	DRAINABLE	ACC	Accoustical
	DD	DOUBLE DRAINABLE	VSP	SIGHT PROOF
ı	DC	DADE COUNTY	YSP	SIGHT PROOF
- 1				

38	37.5° - 38°
45	45°
. •	



# **EQUIPMENT SCREENS**

Airline Equipment Screens are great for public areas where privacy and/or security are desired. Available in both horizontal and vertical applications, these models inhibit vision of unsightly equipment while also serving as a protective barrier.





Fort Sam Houston - San Antonio, TX

Model	Blade Thickness	Blade Spacing	Blade Depth	
ESA4VSP	.81"	3.375" / 4.375"	4"	
ESA4YSP	.81"	3.375" / 4.375"	4"	
LSA4S45-IN	.81"	5"	4"	
LSA4W38-IN	.81"	5.094"	4"	

# **BRICK VENTS**

Brick Vent Airline Louvers are an economical option for ventilation in crawl spaces, foundations and corridors. They can be used in new and existing structures where a conventional louver would not be used. Brick vents are constructed of .125 extruded aluminum with a standard clear anodized finish. Non-standard finishes of colored anodized, baked enamel, and Kynar are also available. Airline can provide ducts and/or dampers along with brick vents.



Judson ISD High School - Live Oak, TX

# **EX BRICK VENTS** FL BRICK VENTS







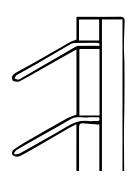
# THIN-LINE VENTS

Thin-Line Airline Louver vents are commonly used with packaged terminal air conditioners (P.T.A.C.) or for decorative architectural applications. These louvers provide high free area with limited weather protection. Thin-line louvers are available in a variety of colors, finishes, and frame options. They are fabricated from extruded aluminum for durability and easy handling. Airline louvers can be designed in a variety of configurations.



Days Inn - Chicago, IL

#### LSA<sub>30</sub>



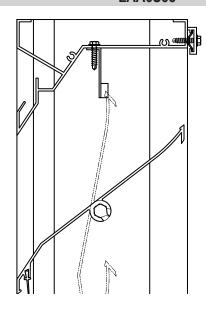


Model	Blade	Frame	Blade	Blade	Blade	Free
	Thickness	Thickness	Spacing	Depth	Angle	Area %
LSA30	.062"	.062"	1"	1.125"	30°	60%
LSA42	.062"	.062"	1"	1.125"	42°	60%

# **OPERABLE & COMBINATION / DAMPERS**

Nystrom offers Operable, Combination, and Damper style louvers including gravity backdraft, motorizerd, and controlled dampers with HVAC units.

#### LAA6S38





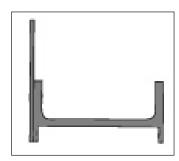
AMCA Certified: LCA4D45 LCA6D38

					_	
Model	Blade Thickness	Frame Thickness	Blade Depth	Blade Angle	Free Area %	Water Penetration
LAA4D45	.81"	.081"	4"	45°	36%	NA
LAASD45	.81"	.081"	4"	45°	37%	NA
LAA6D38	.81"	.081"	6"	38°	54%	NA
LAA6S38	.081"	.081"	6"	38°	54%	NA
LAA6S45	.081"	.081"	6"	45°	57%	NA
LCA4D45	.061"	.081"	4"	45°	39%	NA
LCA6D38X	.081"	.125"	6"	38°	47%	NA
BDD2E	.050"	.090"	2" exhaust	NA	NA	NA

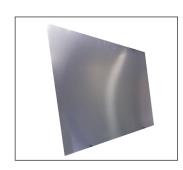


# **O**PTIONS

**Flange Frames** 



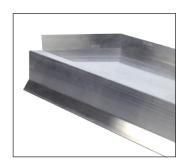
**Blank-Off Panels** 



**Extended Sill** 



Sill Pan



**Specialty Shapes** 



**Screens** 



**Concealed Mullion** 



**Concealed Mullion** 



**Kynar 500 -** 70% PVDF



Baked Enamel Finish - 50% PVDF



# Louvers





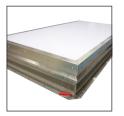
Access Doors



**Roof Hatches** 



Floor Doors



Smoke Vents



Louvers



**Entrance Flooring** 



**Expansion Joints** 



Wall Protection



Stair Treads



Fire Safety



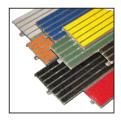
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# STAIR TREADS & Nosings



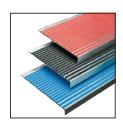
# COMPLEMENTARY BUILDING PRODUCTS















### PRODUCT FAMILY

PG 3

A bar abrasive stair tread is made from an extruded aluminum base with aluminum oxide silicon carbide abrasive material locked into individual channels. Economical and easy to install, our bar abrasive stair treads are perfect for indoor and outdoor applications where extra safety is wanted or required by code.



A full abrasive stair tread is made from an extruded aluminum base with aluminum oxide silicon carbide abrasive material locked into extruded channels. The material is consistent throughout the tread covering the nose. Ideal for indoor and outdoor applications, the full abrasive tread is easy to install and an economical option.

PG 5

A stair tread made from an extruded aluminum base with aluminum oxide silicon carbide abrasive material locked into extruded channels in which sub-channels are installed during construction and the safety treads inserted afterwards. This prevents job-site cleanup and prevents damage to the stair treads. Available in bar and full abrasive.

PG 6

Manufactured with the same material as our bar and full abrasive stair treads, our renovation treads are designed for restoration of all types of stairs. Nystrom's renovation stair treads are a quick and economical alternative to new construction.

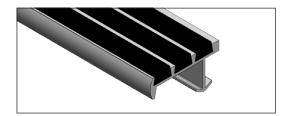
PG 7

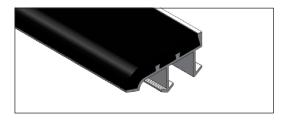
Our cast aluminum stair treads are made from a type 319 aluminum with a perfected sand cast finish. Ideal for heavy traffic areas such as schools, public buildings, and subways, these stair treads will last the life of your building. Our cast iron treads are a gray cast iron designed for indoor and outdoor use.

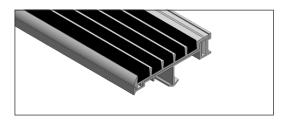
#### **O**PTIONS

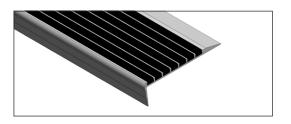
- · Vision line
- · Mitered cuts
- · Painted undersides
- Taped tops
- Repair kit

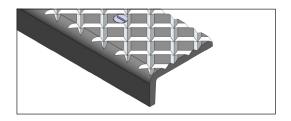












ADA and OSHA approved
Barrier Free
Anti-Slip stair treads

### SINGLE PART: BAR ABRASIVE

### RAMPS & WALKWAYS

- · Installs into front of stairs
- 1.375" & 3" widths available
- · Anchors or drilled countersunk holes

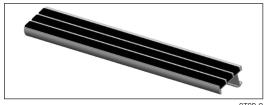




### CONCRETE POURED STAIR - SHORT NOSING

- · Most commonly used stair tread
- 1.875", 3", & 4" widths available
- · Anchors or drilled countersunk holes





### STEEL PAN & CONCRETE STAIR - SHORT TIP NOSING

- · Short tip nosings fit securely over steel pan
- 1.875", 3", & 4" widths available
- · Anchors or drilled countersunk holes





### STEEL PAN & WOOD STAIR - LONG NOSING

- 90 degree angled nosing
- 1.875" & 3" widths available
- · Anchors or drilled countersunk holes





STSB-L

### STEEL PAN SLOPED STAIR - LONG ANGLE NOSING

- 83 degree angled nosing
- 1.875 & 3" widths available
- · Anchors or drilled countersunk holes





STSB-A















#### SERIES SINGLE PART Two Part RENOVATION CAST









WII	DTH
1.375	1-3/8"
1.875	1-7/8"
3	3"
4	4"
$\overline{}$	

1		INSTALL
	Е	EXTRUDED ANCHO
	D	DRILLED HOLES
	W	WING NUT
1	$\overline{}$	

COLOR		
- BLACK	C5 YELLOW	
C1 LUMINESCENT	C6 GREEN	
C2 Brown	C7 RED	
C3 BURGANDY	C8 ORANGE	
C4 GRAY	C9 BLUE	



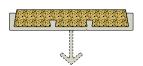
### SINGLE PART: FULL ABRASIVE

### TITLE 24 - RAMPS & WALKWAYS

- · Installs into front nose of stairs
- · Meets California Title 24 striping code for visually Impaired

Right to site.

- Anchors or drilled countersunk holes
- 2.25" width





### CONCRETE POURED STAIR - SHORT NOSING

- · Can be used in concrete poured stair applications
- Anchors or drilled countersunk holes
- 2.125", 3.125", & 4" widths available





STSF-C

### STEEL PAN & CONCRETE STAIR - SHORT TIP NOSING

- · Short tip nosing fits securely over steel pan
- Anchors or drilled countersunk holes
- 2",3", & 4" widths available





### STEEL PAN & WOOD STAIR - LONG NOSING

- 90 Degree angled nosing
- Anchors or drilled countersunk holes
- 2.125", 3.125", & 4.125" widths available





STSF-L









Nose







SERIES		
S SINGLE PART		
Т	Two Part	
R	RENOVATION	
_	0	

	TREAD
В	BAR ABRASIVE
F	FULL ABRASIVE
Α	ALUMINUM
	IRON
$\overline{}$	

	NOSING
Ν	RAMPS, WALKWAYS - NO NOSE
С	CONCRETE POUR - SHORT NOSE
Ρ	STEEL PAN - SHORT TIPPED NOS
L	STEEL PAN - LONG NOSE
Δ	STEEL PAN SLOPED - ANGLE NO

WIDTH	
2	2"
2.25	2-1/4"
3	3"
4	4"
_	

	INSTALL
Е	EXTRUDED ANCHORS
D	DRILLED HOLES
W	WING NUT

	COL	_OR
-	BLACK	C5 YELLOW
C.	1 LUMINESCENT	C6 GREEN
C	2 Brown	C7 RED
C:	BURGANDY	C8 ORANGE
C	4 Gray	C9 BLUE



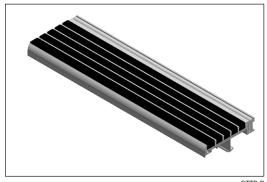


### Two Part

### STEEL PAN & CONCRETE - STAIR BAR ABRASIVE

- 3.375" width
- Extruded anchors



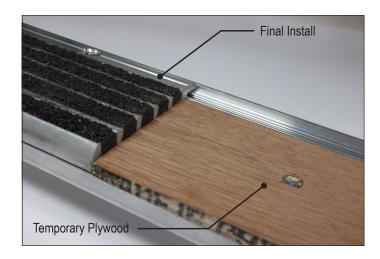


### STEEL PAN & CONCRETE STAIR - FULL ABRASIVE

- 3.375" width
- · Extruded anchors
- · Yellow color option











ST



STEEL PAN - LONG NOSE

NOSING

TREAD



WIDTH



	INSTALL
Е	XTRUDED ANCHO
D	RILLED HOLES

WING NUT

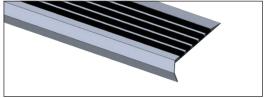
	COL	.OR
;	- BLACK	C5 YELLOW
Ш	C1 LUMINESCENT	C6 GREEN
Ш	C2 Brown	C7 RED
/	C3 BURGANDY	C8 ORANGE
	C4 GRAY	C9 BLUE



### RENOVATION

### STEEL PAN SLOPED STAIR - ROUNDED NOSING

- · Renovation Bar Abrasive
- · Drilled Holes for Anchoring
- Fitted well for rounded edged steps
- 4" width

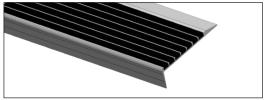


STRB-V

#### STEEL PAN SLOPED STAIR - LONG NOSING

- Renovation Bar Abrasive
- · Drilled Holes for Anchoring
- 5", 9", & 11" widths available



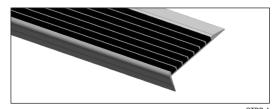


STRB-L

### STEEL PAN SLOPED STAIR - LONG ANGLE NOSING

- · Renovation Bar Abrasive
- Drilled Holes for Anchoring
- 5", 9", & 11" widths available

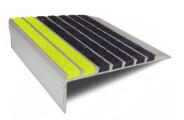




STRB-A







For added visibility and safety, vision lines are available.

Before After















SERIES
S SINGLE PART
T TWO PART
R RENOVATION
C CAST

TREAD

B BAR ABRASIVE
F FULL ABRASIVE
A ALUMINUM
I IRON

NOSING
L STEEL PAN - LONG NOSE
A STEEL PAN SLOPED - ANGLE NOSE
V STEEL PAN SLOPED - ROUNDED NOSE

WIDTH
4 4"
5 5"
9 9"
11 11"

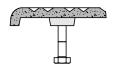
E EXTRUDED ANCHORS
D DRILLED HOLES
W WING NUT

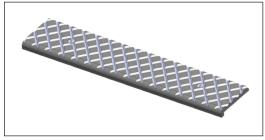
CO STREET CONTROL CONT

### CAST

### CONCRETE POURED STAIR - SHORT NOSING

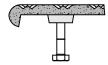
- 20 grit silicone carbide abrasive
- Most commonly used
- 2", 3", & 4" widths available
- · 319 cast aluminum and gray cast Iron

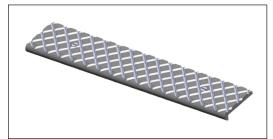




### STEEL PAN STAIR - SHORT TIP NOSING

- 20 grit silicone carbide abrasive
- Nose fits securely over steel pan
- 2", 3", & 4" widths available
- · 319 cast aluminum and gray cast Iron

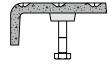


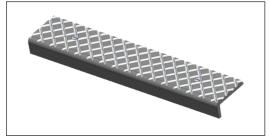


STCA-P

### STEEL PAN STAIR - LONG NOSING

- · Complete finished look to the facing of the stair
- 20 grit silicone carbide abrasive
- 3" & 4" widths available
- · 319 cast aluminum and gray cast Iron
- 1" nose





STCA-L

### **ANCHOR OPTIONS**

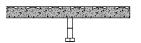
#### Wing

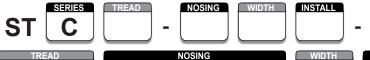
- · Industry standard
- Stainless steel bolt-nut
- Countersunk holes
- 2-1/2" span



#### **Bolt**

- · Saves installation time
- · Bolt precast into tread
- 1-1/4" length





- SERIES SINGLE PART Two Part
  - RENOVATION
- CAST
- BAR ABRASIVE FULL ABRASIVE ALUMINUM IRON
- - RAMPS, WALKWAYS NO NOSE CONCRETE POUR SHORT NOSE STEEL PAN - SHORT TIPPED NOSE STEEL PAN - LONG NOSE STEEL PAN SLOPED - ANGLE NOSE
- INSTALL EXTRUDED ANCHORS D DRILLED HOLES WING NUT CAST-IN BOLT

COLOR





Access Doors



**Roof Hatches** 





Floor Doors



Smoke Vents



Louvers



**Entrance Flooring** 



**Expansion Joints** 



Wall Protection



Stair Treads



Fire Safety



Right to site.

### ENTRANCE FLOORING SYSTEMS



# COMPLEMENTARY BUILDING PRODUCTS





















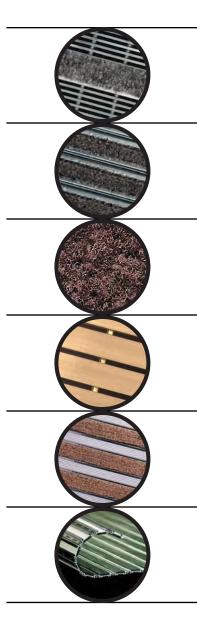
Making the right choice in an entrance flooring system will maintain your design, add years to your floor's life, ensure a safe entrance and significantly reduce maintenance costs. Let us help you find the right solution.

### **Online**

Our latest information is always available online. Visit www.nystrom.com. Download specifications, request quotes based on your selections, and get product details, CAD drawings, installation and maintenance instructions, recycled content and other LEED related information.

### On the phone

Our customer service representatives can help you select the right product for your project and answer your technical questions.



Page 2 photograph: Corning Museum of Glass, Corning, NY Architect: Ralph Appelbaum Associates, Inc.







### Roll-up Grates

# GRATE design

We designed our roll-up grates to meet the demands of retail and commercial applications. Grocery carts and dollies glide quietly over roll-up grates while dirt from shoes and wheels gathers in the recess. The grates are easy to clean and, if necessary, tread strips can be replaced in the field.

#### Construction

- Aluminum extrusions are engineered to withstand heavy loads without warping or collapsing. They are joined with recycled lowdensity polyethylene hinges.
- Rugged Scrub® and all of our standard tread strips slide in. End caps provide clean edges and secure tread strips without rivets.

#### Installation

Roll-up grates are intended for level-bed installation in a flat recess.

#### **Specifications**



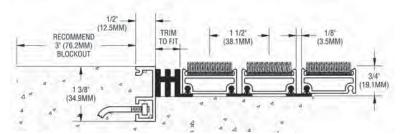
Model G-150U	UltraSorb®*
Model G-150RS	Rugged Scrub®*
Model G-150	Carpet
Model G-250	Vinyl
Model G-250RT	Rubber
Model G-350	Abrasive Insert

<sup>\*</sup>These treads are the best choices for heavy-traffic entrances and carry an extended five-year warranty. Standard warranty is two years.

### **Specifications**

Specifications, CAD drawings, recycled content percentages and more detailed product information are available on our web site at www.nystrom.com. Call us with questions or to request a quote.

Additional information on tread surfaces is listed on pages 16–19.



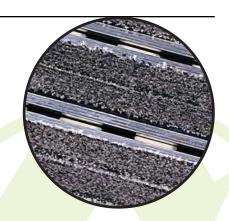
Model G-150 roll-up grate with F-11 frame





### EnvIRONtread Mats and Grates

### **EnvIRONtread®**



EnvIRONtread grates provide all the benefits of buffed-rubber treads with the added benefits of increased drainage and more color options. Two treads per rail on all EnvIRONtread products provide the maximum cleaning surface.

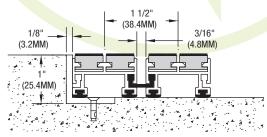
#### Construction

- Two treads per rail double the surface for absorbing moisture.
- Our roll-up mats and roll-up grates use a low-density polyethylene hinge that won't crack or break when exposed to changes in temperature or UV light.
- Large drain holes in the roll-up mat and grate, and continuous drainage in the rigid grate, allow dirt and moisture to fall through to the recess.

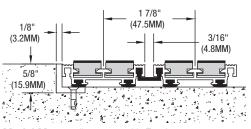
#### Installation

- Model G-212 EnvIRONtread II grates can be surface mounted or recessed.
- Model G-218 EnvIRONtread II grates, model G-275 EnvIRONtread roll-up grates and model M-775 EnvIRONtread roll-up mats are intended for level-bed installation in a flat recess.
- Model G-285 rigid grates can be installed in a level-bed frame or over a deep pit with the F-2 frame.

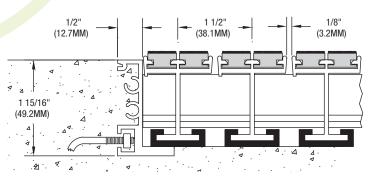
#### **Specifications**



Model G-275 roll-up grate with F-10 frame



Model M-775 roll-up mat with F-9 frame



Model G-285 rigid grate with F-1 level-bed (shown) or F-2 deep-pit frame





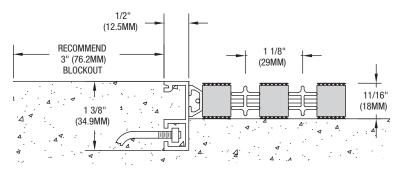
**Recycled.** We buff the surface of nylon-reinforced truck and airplane tire strips to reveal the fibers embedded within the rubber.

**Reversible.** Double-sided treads make symmetrical grates perfectly reversible. Just flip them over to increase product life.

**Responsible.** Building a sustainable design involves more than using recycled products. These products must last. The process of buffing the fibers out of used tires creates tread strips with an attractive velvety surface that will never shed. This allows the grates to look new and last longer than virtually any other type of textile entrance mat or grate. And, the treads effectively absorb moisture and remove dirt.

#### Construction

- Recycled tire treads have a buffed surface on both the top and bottom.
- Recycled aluminum divider bars separate treads.
- Treads and divider bars are bound with hard, cold galvanized steel wire inserted perpendicular to treads through holes in the treads and bars.
- Channels in the divider bars provide a collection basin for dirt and moisture.

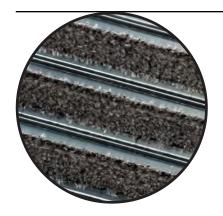


Model G-218 11/16" (18 mm) deep grate with F-11 frame (shown)

**Model G-212** 15/32" (12 mm) deep grate with F-13 frame for recessed applications (similar construction to above) or the F-12 frame for surface-mounted applications

These models are available with open construction (G-218P, G-212P) or with double treads (G-218D, G-212D).

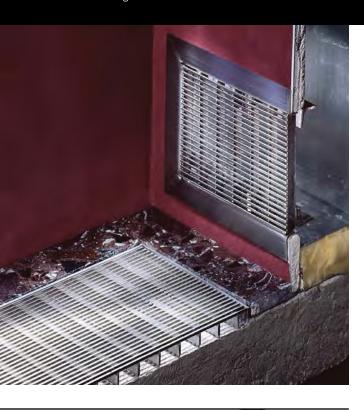
#### **Specifications**







### Stainless Steel Grates and Air Grilles









These versatile grates are most often used in entrances, but are also an innovative solution in other applications, including high-impact wall grilles, distinctive pedestrian bridges, fountains, decorative suspended ceilings and other creative installations. Elegant and durable, they stand up to extremely heavy pedestrian and rolling traffic.

**EleGRIL Absorb and EleGRIL Scrub** combine the strength and lustrous beauty of stainless steel with the absorbency and dirt-removing power of UltraSorb® or Rugged Scrub® treads. This creates a cleaner, dryer entrance while maintaining an elegant look.

#### Construction

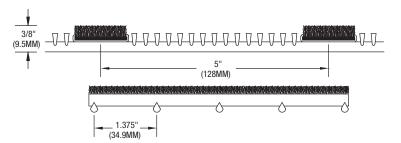
- The grates are constructed of stainless steel wire that is resistance-welded to stainless steel crossbars for total heights of 7/16" (11.1 mm), 5/8" (15.9 mm) or 9/8" (28.6 mm).
- EleGRIL Absorb and EleGRIL Scrub grates are 3/8" (9.5 mm) deep. Treads are spaced on 5" (128 mm) centers.

#### Installation

- The SS-98G grate can be installed on a level bed with an aluminum or stainless steel frame or with a deep-pit stainless steel frame and cross supports.
- Models SS-38G, SS-38A and SS-58G are intended for level-bed installation with either aluminum or stainless steel frames.
- Models SS-38G and SS-38A can also be surface mounted with the F-12 or F-4 frames.

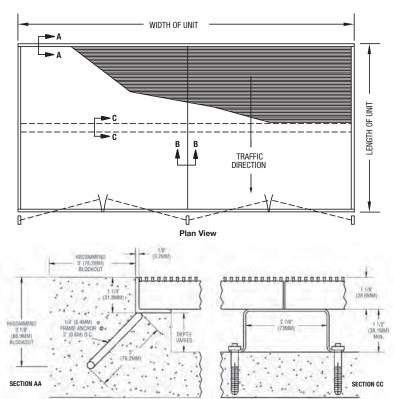
Our grates are not slippery, but wet floors are. We highly recommend using UltraSorb broadloom goods in conjunction with plain metal gratings to remove moisture. UltraSorb is featured on page 16.

#### **Specifications**

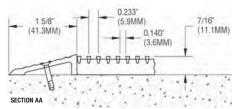


**Model SS-38A** (EleGRIL Absorb or EleGRIL Scrub) 3/8" (9.5 mm) deep grate available with UltraSorb or Rugged Scrub spaced on 5" (128 mm) centers for use with F-4 surface-mounted aluminum or stainless steel level-bed frame.

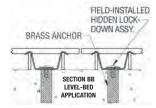




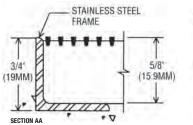
Model SS-98G 9/8" (28.6 mm) deep grate available with aluminum or stainless steel recessed level-bed frame or stainless steel deep-pit frame



**Model SS-38G** 7/16" (11.1 mm) deep grate available with F-12 frame for surface installation or F-13 aluminum frame or stainless steel angle frame for recessed installation



Intermediate anchors required for all models



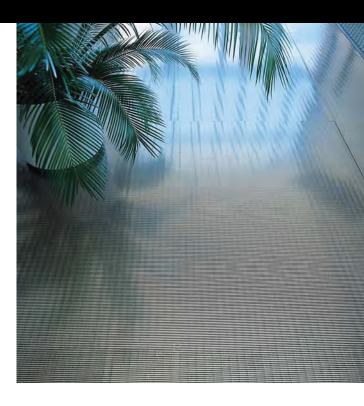
5/8° EleGRIL

Application with optional 1° Wide Trim Flange

Wall surface

Floor application

Wall-mounted application





Buffalo Niagara Airport, Buffalo, NY Architect: Kohn Pedersen Fox



### **Aluminum Grates**

## GRATE design®

GrateDesign rigid aluminum grates are quiet and sturdy.

#### Construction

- Aluminum rails are mechanically joined with keylocks every 6" (152 mm) or 3" (76 mm) to eliminate torque from extremely heavy rolling loads.
  The grates are much stronger and quieter than grates with keylocks spaced every 8" (203 mm) or 10" (254 mm) or grates with bolted or welded construction.
- Adjustable cushions eliminate clatter and minimize the effects of surface irregularities.

#### Installation

Use the F-1 frame for level-bed applications. For installation over a pit or sloped recess, use the F-2 frame and adjustable cross supports. An optional drain pan is available, but is not usually necessary for installation over a concrete pit.

#### **Specifications**

Specifications, CAD drawings, recycled content percentages and more detailed product information are available on our web site at www.nystrom.com. Call us with questions or to request a quote.

Model G-100U UltraSorb®

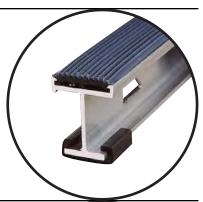
Model G-100RS Rugged Scrub ®

Model G-100 Carpet

Model G-200

Model G-200TR Rubber

Model G-300 Abrasive Insert



Model G-285 EnvIRONtread ®



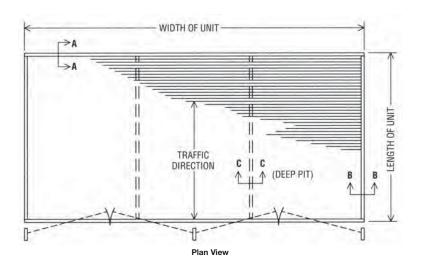
Model G-400 Aluminum Abrasive

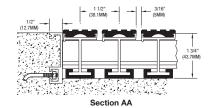


Model G-500 Serrated Aluminum

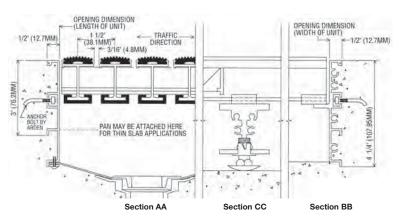








**GrateDesign®** rigid grate with F-1 level-bed frame



GrateDesign rigid grate with F-2 deep-pit frame

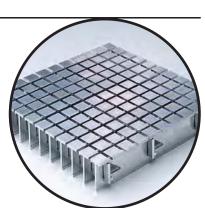




### Thin Line Grates

Model G-550 Waffle (shown)

**Model G-550AB** Waffle, Architectural Bronze



Model G-550P Plain

Model G-550PAB

Plain,

Architectural Bronze (shown)



Model G-575 Serrated Waffle

Model G-575P

Serrated (shown)

Model G-575AB

Serrated Waffle, Architectural Bronze

Model G-575G

Aluminum Oxide Grit Coated Waffle

Model G-575PG

Aluminum Oxide Grit Coated, Plain



The sleek look of Thin Line grates creates a clean entrance.

#### Construction

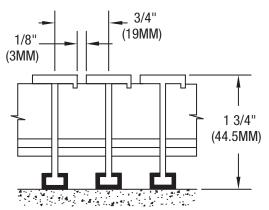
- Thin Line grate rails are joined mechanically with keylocks every 3" (76 mm).
- Waffle grates have striations cut perpendicular to the traffic direction to create a grid pattern that is ideal for entrances with multidirectional traffic.
- Serrated rails scrape more dirt from shoes and provide better slip resistance than the other Thin Line grates.

### Installation

Waffle grates are limited to rectangular shapes. Thin Line grates are installed in the same manner as our GrateDesign® aluminum grates, featured on pages 10 and 11.

Our grates are not slippery, but wet floors are. We highly recommend using UltraSorb® broadloom goods in conjunction with metal grates to absorb moisture. UltraSorb is featured on page 16.

#### **Specifications**



All Thin Line grates have the same rail height and tread spacing.

### Mats and Grates





ScrapesGrate mats and grates maximize dirt and moisture removal by combining tread rails with scraper bars.

#### Construction

- UltraSorb® or Rugged Scrub® treads alternate with an acrylic scraper bar in the mat and aluminum scraper bar in the grate.
- ScrapesGrate gratings are constructed in the same way as our GrateDesign® aluminum grates featured on pages 10 and 11.
- ScrapesGrate mats are constructed in the same way as our QuietFlex® mats featured on page 15.

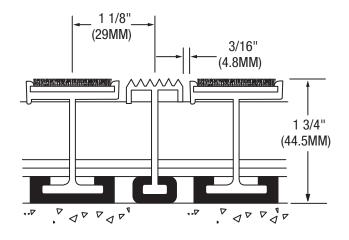
#### Installation

ScrapesGrate mats and grates are installed in the same manner as QuietFlex LDPE hinge mats and GrateDesign aluminum grates.

#### **Specifications**

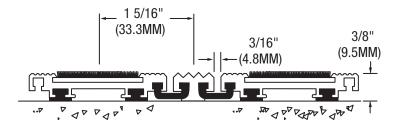
Specifications, CAD drawings, recycled content percentages and more detailed product information are available on our web site at www.nystrom.com. Call us with questions or to request a quote.





### **Rigid Grates**

Model G-525U UltraSorb Model G-525RS Rugged Scrub



### **Roll-up Mats**

Model M-675U UltraSorb Model M-675RS Rugged Scrub



### Aluminum Hinge Mats



Model M-600 Carpet

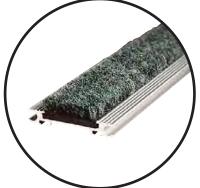
Model M-600U UltraSorb®

Model M-600RS Rugged Scrub <sup>6</sup>

Model M-700 Vinyl

Model M-700RT Rubber

Model M-800 HDPE Abrasive



## MAT $design_{TM}$

Aluminum hinge mats are effective in custom-fabricated applications or for simple rectangles.

#### Construction

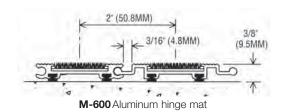
- Nystrom uses all-aluminum rails with integral hinges. They are stronger and will last longer than tread rails with plastic underchannels, which are not suitable for commercial use.
- The close tolerance of the hinges in our mats minimizes clatter.

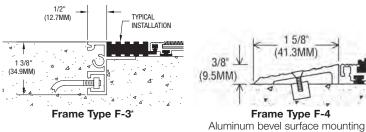
#### Installation

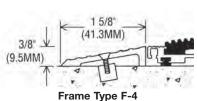
Mats can be installed in a recess with an F-3 frame, with an F-6 frame to butt against thin-set tile, or on the surface with an F-5 attached or floor-mounted F-4 frame.

### **Specifications**

Specifications, CAD drawings, recycled content percentages and more detailed product information are available on our web site at www.nystrom.com. Call us with questions or to request a quote.







for permanent installation\*

<sup>\*</sup>All frame types are suitable for use with aluminum hinge or low-density polyethylene hinge mats.

### Low-Density Polyethylene Hinge Mats





QuietFlex low-density polyethylene mats are quiet and effective.

#### Construction

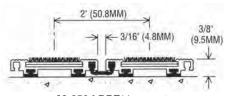
- LDPE hinges eliminate clatter and don't shrink or crack when exposed to ultraviolet light and temperature changes like vinyl or thermoplastic rubber.
- Our tread rails are all-aluminum, stronger and will last longer than rails with plastic components.

#### Installation

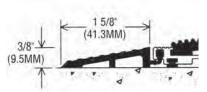
Mats can be installed in a recess with an F-3 frame, with an F-6 frame to butt against thin-set tile, or on the surface with an F-5 attached or floor-mounted F-4 frame.

#### **Specifications**

Specifications, CAD drawings, recycled content percentages and more detailed product information are available on our web site at www.nystrom.com. Call us with questions or to request a quote.



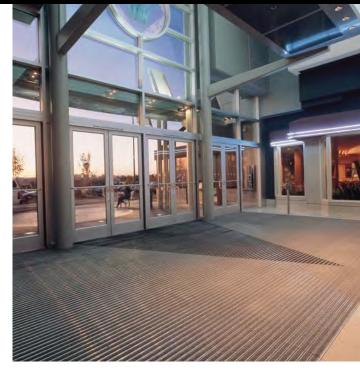
M-650 LDPE hinge mat



Frame Type F-5
Vinyl bevel surface mounting for moveable installation\*



Frame Type F-6
Thin Line\*





Model M-650 Carpet

Model M-650U UltraSorb®

Model M-650RS Rugged Scrub ®

Model M-750 Vinyl

Model M-750RT Rubber

Model M-850 Abrasive Insert



Model M-950 Aluminum Abrasive

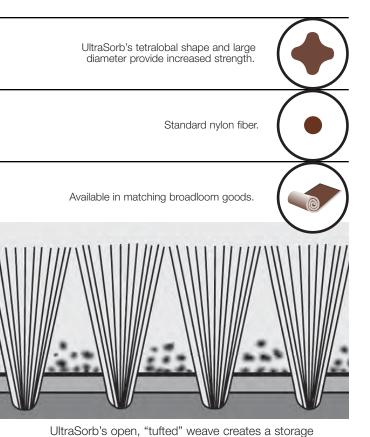


Model M-1050 Serrated Aluminum

<sup>\*</sup>All frame types are suitable for use with aluminum hinge or low-density polyethylene hinge mats.

### Premium Tread Surfaces





space to catch dirt and also allows dirt to be pulled

out easily during cleaning.

### UltraSorb<sup>®</sup>

UltraSorb is a premium floor covering that has been proved to remove dirt and moisture from shoes three times more effectively than other textiles.

#### Construction

The tetralobal shape of its fibers and its tufted construction provide superior strength and rigidity, while its open weave increases absorbency. These features enable it to clean shoes and hold up to 1.5 gallons (5.7 liters) of water and 13.4 pounds (6 kg) of dirt per square yard.

#### Installation

Use UltraSorb in mats and grates, or in broadloom for a continuous surface.



Even the best commercial carpet can't stand up to the abuse of high-traffic entrances. That's why we developed two textile treads that look like carpet but work better, wear longer and provide lower life cycle costs.





Rugged Scrub is an ideal solution for exterior or interior applications.

#### Construction

Its polypropylene fibers are large, stiff, chisel shaped and widely spaced, giving Rugged Scrub a scrubber-like texture that is perfect for heavy-duty applications. Rugged Scrub does not absorb moisture; so it dries quickly and stands up to all types of weather.

#### Installation

Use Rugged Scrub in mats and grates, or in broadloom for a continuous surface.

#### **Specifications**

600 denier, solution-dyed polypropylene, tufted. Primary Backing: Double-backed woven polypropylene; Secondary Backing: 100 mill vinyl.





Chocolate Chip





Charcoal



Tan





Teal



The scrubber-like texture is effective in heavy-duty applications.



Easy to maintain.



Available in matching broadloom goods.





### Color Selections

### **Vinyl**

Use vinyl or rubber in high-traffic, exterior and interior areas where moisture absorbency is not required.

#### Construction

Extruded vinyl or vulcanized rubber convex shape, continuous serrations.



### **Abrasive Insert**

Use abrasive insert in interior areas where slip resistance is critical.

#### Construction

Flexible abrasive grate tape-bonded to a rigid bio-based/recycled plastic tread insert.



### **Standard Carpet**

Use carpet in interior areas where color selection is the primary concern.

We use the highest-quality carpet available for our mats and grates. Carpet, however, will not provide the most effective solution. Consider UltraSorb® or Rugged Scrub® as a superior alternative to reduce life cycle costs.

#### Construction

17 denier, solution-dyed nylon, woven.



### **EnvIRONtread®**

Product information for EnvIRONtread is found on pages 6 and 7.

Standard color is grey. All other colors carry an additional charge. EnvIRONtread II is only available in grey or black.



\*EnvIRONtread II Color Selections

Note: Due to the nature of recycled products, there may be a significant color variation in this product.



### **Aluminum Abrasive**

Aluminum abrasive is effective in areas where slip resistance is critical. This tread is not available for MatDesign $^{\text{\tiny{TM}}}$  aluminum hinge products.

#### Construction

Aluminum-oxide grit, factory-bonded in 2-part epoxy coating.





### **Color Anodized**

Most GrateDesign® and MatDesign products are available in mill finish aluminum and a wide range of anodized colors. Thin Line grates, G-500 grates, M-1050 mats and F-4 frames should not be anodized, as the color will wear off quickly. Clear anodized available, not shown.





Thin Line grates and types F-1 and F-6 frames are available in architectural bronze.

Due to printing variations, the colors shown may not be representative of the actual colors. Call us for actual color samples.

### ENTRANCE FLOORING SYSTEMS





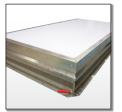
Access Doors



Roof Hatches



Floor Doors



Smoke Vents



Louvers



**Entrance Flooring** 



**Expansion Joints** 



Wall Protection



Stair Treads



Fire Safety

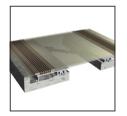


Right to site.



# COMPLEMENTARY BUILDING PRODUCTS

















### PRODUCT FAMILY

PG **3-22** 

We offer flooring products to match all applications. Surface mount and blockout requirements are covered with a selection of aluminum plates and colored extruded seals to match your flooring requirements.



PG 23-31

These systems are design to match with existing floor systems. They are available in metal or elastomeric seals and are created to blend in with surrounding surfaces.



PG 32-35

We offer exterior wall covers and elastomeric seals that cover up to 24" openings from thermal to multi-directional movement.



PG **36-39** 

Our exterior floor and parking systems are designed for applications from pedestrian to vehicular traffic. We have a system designed to cover your requirements and protect you from all the elements.



PG 40-43

To match your roof line and keep the weather out, we offer roof bellows and engineered metal systems up to 24" openings.



PG 44-47

Our fire barrier systems are design to work in conjunction with our expansion covers offering a complete fire rated system that has been tested and rated by Underwriters Laboratories or Warnock Hersey. Openings range from 1" up to 36" joint openings.



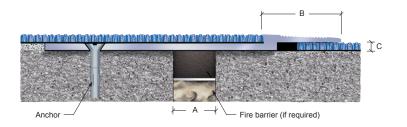
### INTERIOR FLOOR

### SURFACE MOUNT • SA

- Single-wing, narrow sightline for level floors
- Accepts most flooring materials







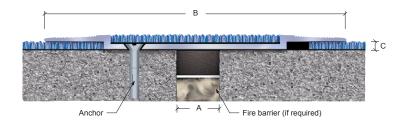
Floor to Floor	Joint Opening (A)		Exposed Sight-Line (B)		Wing Height (C)		Total Movement	
Model #	in	mm	in	mm	in	mm	in	mm
SA150-125	2.0	51	1.5	38	.125	3	1.0	25
SA150-250	2.0	51	1.5	38	.25	6	1.0	25
SA150-375	2.0	51	1.5	38	.375	10	1.0	25

### SURFACE MOUNT • DA

- · Double-wing, narrow sightline for level floors
- Accepts most flooring materials







Floor to Floor	Joint Opening (A)		Exposed Sight-Line (B)		Wing Height (C)		Total Movement	
Model #	in	mm	in	mm	in	mm	in	mm
DA150-125	2.0	51	7.5	190	.125	3	1.0	25
DA150-250	2.0	51	7.5	190	.25	6	1.0	25
DA150-375	2.0	51	7.5	190	.375	10	1.0	25

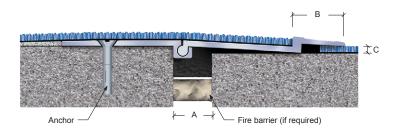
### INTERIOR FLOOR

### SURFACE MOUNT • FA

• Single-wing, narrow sightline hinged for vertical displacement





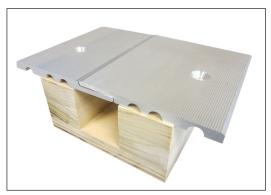


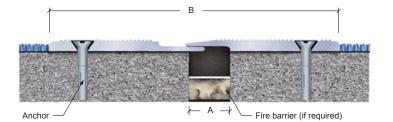
Floor to Floor		int ng (A)		osed Line (B)	Wing Height (C)		Total Movement	
Model #	in	mm	in	mm	in	mm	in	mm
FA150-125	3.0	76	1.5	38	.125	3	1.0	25
FA150-250	3.0	76	1.5	38	.25	6	1.0	25
FA150-375	3.0	76	1.5	38	.375	10	1.0	25

### SURFACE MOUNT • RA

· Designed for level floors







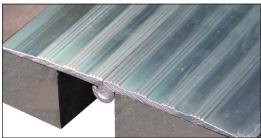
Floor to Floor		int ng (A)		tem h (B)	Total Mo	ovement
Model #	in	mm	in	mm	in	mm
RA125	1.0	25	9.25	235	0.75	19
RA375	1.0	25	8.50	216	0.75	19

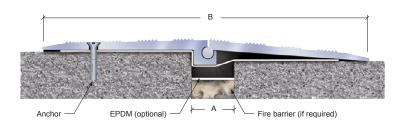
### INTERIOR FLOOR

### SURFACE MOUNT • PD

- Hinged design for vertical displacementIdeal for slow vehicular traffic and parking decks



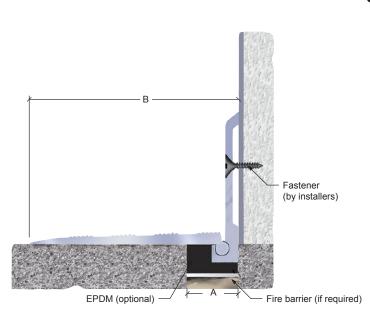




Floor to Floor	Joint Opening (A)			tem h (B)	Total Movement	
Model #	in	mm	in	mm	in	mm
PD-200	2.0	51	8	203	2.0	51
PD-300	3.0	76	13.125	333	4.0	102
PD-400	4.0	102	16	406	5.5	140
PD-600	6.0	152	19.8	503	8.0	203

### SURFACE MOUNT • PDw

· Hinged design for vertical displacement





Floor to Wall	Joint Opening (A)		System ) Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
PD-200w	2.0	51	5	127	1.5	38
PD-300w	3.0	76	7	178	2.5	64
PD-400w	4.0	102	11	279	3.0	76

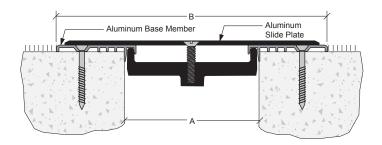
### INTERIOR FLOOR

### SEISMIC • FLS

- · Durable cover system with minimal components
- No block-outs required
- · ADA compliant







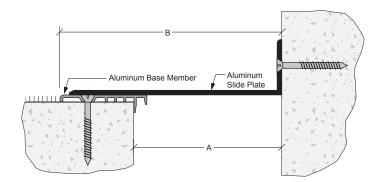
Floor to Floor	Joint Opening (A)		System Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-FLS-200	2.0	51	6.0	152	3.0	76
EJ-FLS-400	4.0	102	8.0	203	5.0	127
EJ-FLS-600	6.0	152	10.0	254	8.0	203

### SEISMIC • FLSW

- · Durable cover system with minimal components
- No block-outs required
- ADA compliant
- Floor to Wall application







Floor to Wall	Joint Opening (A)		System Width (B)		Total Mo	ovemen
Model #	in	mm	in	mm	in	mm
EJ-FLS-200w	2.0	51	4.0	102	2.63	67
EJ-FLS-400w	4.0	102	6.0	152	4.63	118
EJ-FLS-600w	6.0	152	8.0	203	7.13	181

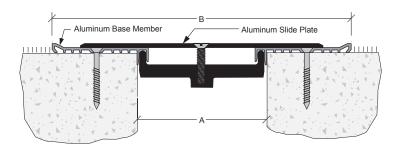
### INTERIOR FLOOR

### SURFACE MOUNT • FLR

- · Durable cover system with minimal components
- No blockouts required
- ADA compliant







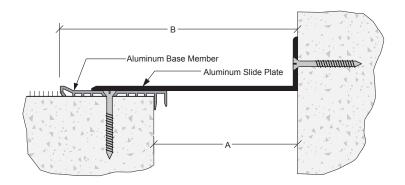
Floor to Floor	Joint Opening (A)		Sys Widt		Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-FLR-200	2.0	51	7.25	184	3.0	76	
EJ-FLR-400	4.0	102	9.25	235	4.0	102	
EJ-FLR-600	6.0	152	11.25	286	4.0	102	

### SURFACE MOUNT • FLRW

- · Durable cover system with minimal components
- No blockouts required
- ADA compliant







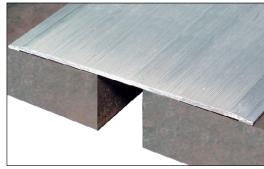
Floor to Wall		Joint Opening (A)		tem h (B)	Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-FLR-200w	2.0	51	4.63	118	2.0	51	
EJ-FLR-400w	4.0	102	6.63	168	2.0	51	
EJ-FLR-600w	6.0	152	8.63	219	2.0	51	

### INTERIOR FLOOR

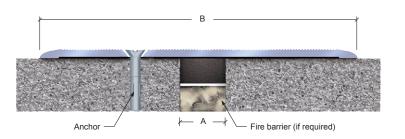
### SURFACE MOUNT • DT

- · Designed for level floors
- Anti-slip surface



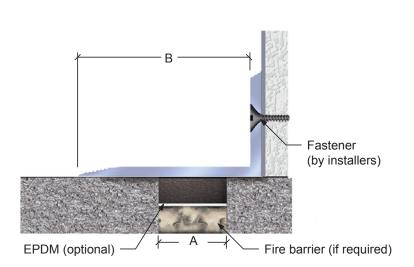


Floor to Floor	Joint System Opening (A) Width (B) Total Move					ovement
Model #	in	mm	in	mm	in	mm
DT-200	2.0	51	6.0	152	2.5	64
DT-400	4.0	102	10	255	5.0	127



### SURFACE MOUNT • SW

· Designed for level floors





Floor to Wall	Joint Opening (A)			tem h (B)	Total Movement		
Model #	in	mm	in	mm	in	mm	
SW-300	1-3	25 - 76	5	127	1-3	25 - 76	

### INTERIOR FLOOR

### **ELASTOMERIC • LCF**

- · Flat seal with narrow sightlines
- Blockout required





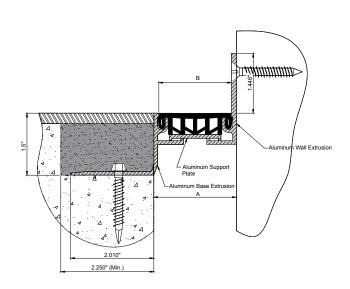
		В	_
1			8/////////////////////////////////////
1.5"	\(\frac{1}{\lambda}\)		
Ļ	4 annual Jugad	Aluminum Support Plate	anna anna
		A	Aluminum Base Ektrusion
	2.010" 2.255" (Min.)		

Beige (-E)	$\supset$
White (-W)	$\supset$
Gray (-G)	$\supset$
Black (-B)	
	White (-W)

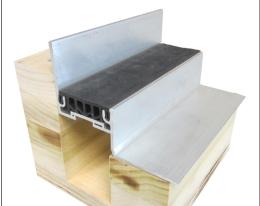
Floor to Floor	Joint Opening (A)		System Width (B)		Total Movement			
Model #	in	mm	in	mm	in	mm		
EJ-LCF-100	1.0	25	1.0	25	0.5	13		
EJ-LCF-200	2.0	51	2.0	51	1.0	25		

### **ELASTOMERIC • LCFW**

- · Flat seal with narrow sightlines
- · Blockout required







	Beige (-E)	
$\overline{C}$	White (-W)	$\overline{D}$
$\subset$	Gray (-G)	
	Black (-B)	

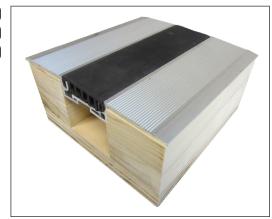
Floor to Wall	oor to Wall Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-LCF-100w	1.0	25	2.0	51	0.5	13
EJ-LCF-200w	2.0	51	3.0	76	1.0	25

## INTERIOR FLOOR

#### **ELASTOMERIC • LCFS**

- · Flat seal with narrow sightlines
- Top mount application





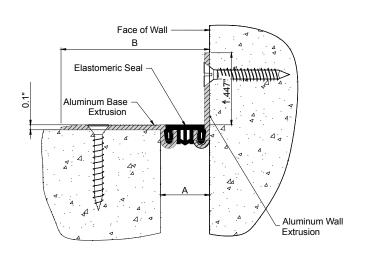
	В	
0.1	Elastomeric Seal	Aluminum Base Extrusion
<b>†</b>	2" (Ref)	

$\subset$	Beige (-E)	
Ċ	White (-W)	$\supset$
$\subset$	Gray (-G)	
	Black (-B)	

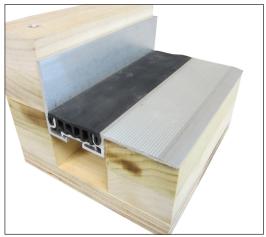
Floor to Floor	Joint Opening (A)		System A) Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-LCFS-100	1.0	25	5.0	127	0.5	13
F.I-I CFS-200	2.0	51	6.0	152	1.0	25

#### **ELASTOMERIC • LCFS**W

- · Flat seal with narrow sightlines
- Top mount application







$\subset$	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	$\supset$
	Black (-B)	

Floor to Wall		int ng (A)		tem h (B)	To Move	tal ment
Model #	in	mm	in	mm	in	mm
EJ-LCFS-100w	1.0	25	2.78	71	0.5	13
EJ-LCFS-200w	2.0	51	3.78	96	1.0	25

## INTERIOR FLOOR

#### **ELASTOMERIC • LCFC**

- · Flat seal with narrow sightlines
- Ideal for carpeting





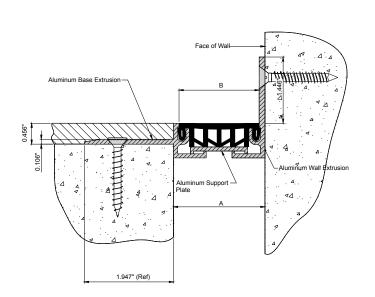
Finished Floor (By Others)		Aluminum Base Extrusion
00100 01000 0000 01000 01000 01000 01000 01000 01000 01000 01000 01000 01000 0	Aluminum Support Plate A	#12 Spax Concrete anchor Spaced @ 24" O.C.
1 947" (Pof)		

$\subset$	Beige (-E)	
$\overline{C}$	White (-W)	J
$\subset$	Gray (-G)	
	Black (-B)	

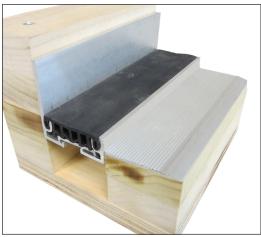
Floor to Floor		Joint System ening (A) Width (B)				
Model #	in	mm	in	mm	in	mm
EJ-LCFC-100	1.0	25	1.0	25	0.5	13
EJ-LCFC-200	2.0	51	2.0	51	1.0	25

#### **ELASTOMERIC • LCFCW**

- · Flat seal with narrow sightlines
- · Ideal for carpeting







$\subset$	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	
	Black (-B)	

Floor to Wall	Joint Opening (A)		System Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-LCFC-100w	1.0	25	1.0	25	0.5	13
EJ-LCFC-200w	2.0	51	2.0	51	1.0	25



## INTERIOR FLOOR

#### **ELASTOMERIC • LCFT**

- · Flat seal with narrow sightlines
- · Ideal for vinyl flooring





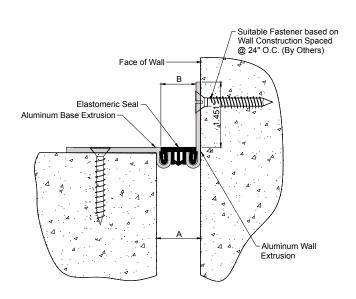
Elastomeric Seal B	Aluminum Base C Extrusion

$\subset$	Beige (-E)	
$\overline{C}$	White (-W)	$\supset$
$\subset$	Gray (-G)	
	Black (-B)	

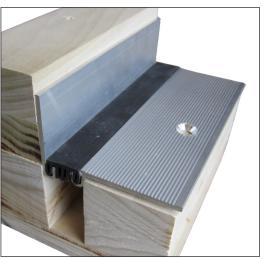
Floor to Floor	Joint Opening (A)			tem h (B)	Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-LCFT-100	1.0	25	5.0	127	0.5	13
EJ-LCFT-200	2.0	51	6.0	152	1.0	25

#### **ELASTOMERIC • LCFT**W

- · Flat seal with narrow sightlines
- · Ideal for vinyl flooring







$\subset$	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	
	Black (-B)	

Floor to Wall		int ng (A)	System Width (B)		Total Movemen	
Model #	in	mm	in	mm	in	mm
EJ-LCFT-100w	1.0	25	2.78	71	0.5	13
EJ-LCFT-200w	2.0	51	3.78	96	1.0	25

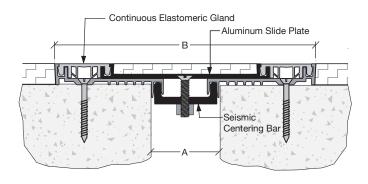
# INTERIOR FLOOR

#### **ELASTOMERIC • TMM**

- · Twin flat seal for additional movement
- · Recommended for vertical gypsum board applications







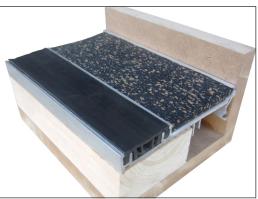
$\subset$	Beige (-E)	
$\subset$	White (-W)	$\supset$
	Gray (-G)	
	Black (-B)	

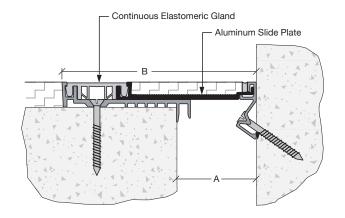
Floor to Floor	Floor Joint Opening (A)		Sys Widt		Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-TMM-200	2.0	51	7.75	197	4.25	108	
EJ-TMM-400	4.0	102	9.75	248	6.25	159	
EJ-TMM-600	6.0	152	11.75	298	8.25	210	

#### **ELASTOMERIC • TMM**W

- Flat seal design
- · Recommended for vertical gypsum board applications







	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	
	Black (-B)	

Floor to Wall	Joint Opening (A)		Sys Widt		Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-TMM-200w	2.0	51	4.88	124	2.5	64	
EJ-TMM-400w	4.0	102	6.88	175	4.5	114	
EJ-TMM-600w	6.0	152	8.88	225	6.5	165	

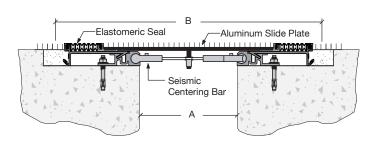
## INTERIOR FLOOR

#### SEISMIC • SFNB

- · Stays operational during seismic movement
- Blockout required







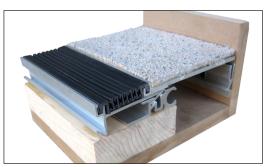
_		_
	Beige (-E)	
$\subset$	White (-W)	$\supset$
	Gray (-G)	
	Black (-B)	

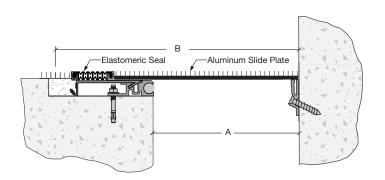
Floor to Floor	Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-SFNB-200	2.0	51	9.88	251	2.0	51
EJ-SFNB-400	4.0	102	11.88	302	5.0	127
EJ-SFNB-600	6.0	152	15.88	403	8.0	203
EJ-SFNB-800	8.0	203	17.88	454	11.0	279
EJ-SFNB-1000	10.0	254	21.88	556	14.0	356
EJ-SFNB-1200	12.0	305	23.88	607	17.0	432
EJ-SFNB-1800	18.0	457	33.88	861	26.0	660
EJ-SFNB-2400	24.0	610	42.88	1089	35.0	889

#### SEISMIC • SFNBW

- · Stays operational during seismic movement
- Blockout required









Floor to Wall		Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm	
EJ-SFNB-200w	2.0	51	5.94	151	1.5	38	
EJ-SFNB-400w	4.0	102	7.94	202	3.5	89	
EJ-SFNB-600w	6.0	152	10.94	278	6.5	165	
EJ-SFNB-800w	8.0	203	12.94	329	8.5	216	
EJ-SFNB-1000w	10.0	254	15.94	405	7.75	197	
EJ-SFNB-1200w	12.0	305	17.94	456	8.75	222	
EJ-SFNB-1800w	18.0	457	25.69	653	14.0	365	
EJ-SFNB-2400w	24.0	610	33.19	843	18.25	464	



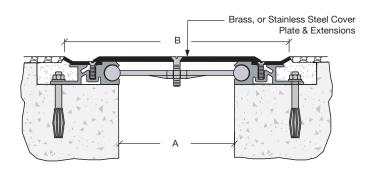
# INTERIOR FLOOR

#### SEISMIC • SFX

- · Stainless steel system
- Blockout required





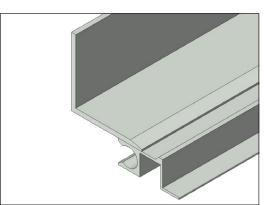


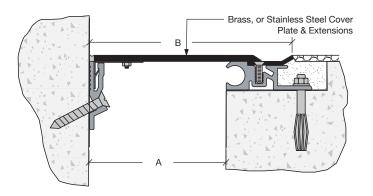
Floor to Floor	Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-SFX-200	2.0	51	6.25	159	2.0	51
EJ-SFX-400	4.0	102	10.38	264	5.0	127
EJ-SFX-600	6.0	152	13.75	349	8.0	203
EJ-SFX-800	8.0	203	15.75	400	11.0	279
EJ-SFX-1000	10.0	254	18.75	476	14.0	356
EJ-SFX-1200	12.0	305	21.75	552	17.0	432
EJ-SFX-1800	18.0	457	31.75	806	26.0	660
EJ-SFX-2400	24.0	610	40.75	1035	35.0	889

#### SEISMIC • SFXW

- · Stainless steel system
- Blockout required







Floor to Wall		int ng (A)	System Width (B)			
Model #	in	mm	in	mm	in	mm
EJ-SFX-200w	2.0	51	3.88	99	1.5	38
EJ-SFX-400w	4.0	102	7.19	183	4.0	102
EJ-SFX-600w	6.0	152	9.88	251	6.5	165
EJ-SFX-800w	8.0	203	11.88	302	9.0	229
EJ-SFX-1000w	10.0	254	14.38	365	11.5	292
EJ-SFX-1200w	12.0	305	16.88	429	14.0	356
EJ-SFX-1800w	18.0	457	24.88	632	21.5	546
EJ-SFX-2400w	24.0	610	32.38	822	29.0	737



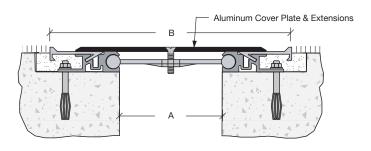
## INTERIOR FLOOR

#### SEISMIC • SFG

- · Multi-directional / seismic technology
- Blockout required







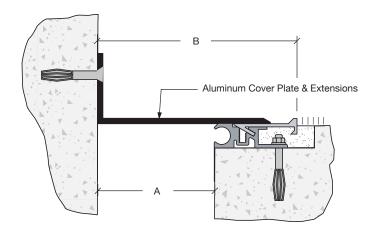
Floor to Floor	Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-SFG-200	2.0	51	5.75	146	2.0	51
EJ-SFG-400	4.0	102	10.38	264	5.0	127
EJ-SFG-600	6.0	152	13.75	349	8.0	203
EJ-SFG-800	8.0	203	15.75	400	11.0	279
EJ-SFG-1000	10.0	254	18.75	476	14.0	356
EJ-SFG-1200	12.0	305	21.75	552	17.0	432
EJ-SFG-1800	18.0	457	31.75	806	26.0	660
EJ-SFG-2400	24.0	610	40.75	1035	35.0	889

#### SEISMIC • SFGW

- · Multi-directional / seismic technology
- · Blockout required







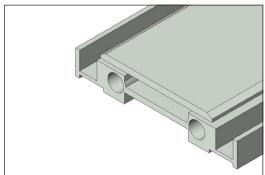
Floor to Wall	Jo Openi		Sys Widt		Total Mo	vement	
Model #	in	mm	in	mm	in	mm	
EJ-SFG-200w	2.0	51	3.88	99	1.5	38	
EJ-SFG-400w	4.0	102	7.19	183	4.0	102	
EJ-SFG-600w	6.0	152	9.88	251	6.5	165	
EJ-SFG-800w	8.0	203	11.88	302	9.0	229	
EJ-SFG-1000w	10.0	254	14.38	365	11.5	292	
EJ-SFG-1200w	12.0	305	16.88	429	14.0	356	
EJ-SFG-1800w	18.0	457	24.88	632	21.5	546	
EJ-SFG-2400w	24.0	610	32.38	822	29.0	737	

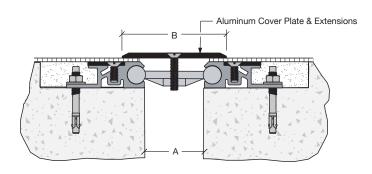
## INTERIOR FLOOR

#### SEISMIC • SFC

- Top mount cover plateBlockout required





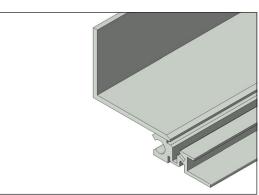


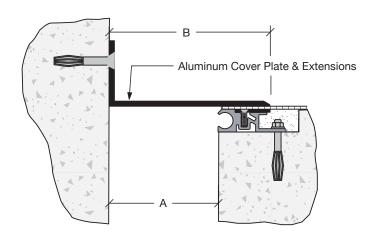
Floor to Floor	Jo Openi	int ng (A)	Sys Widt		Total Mo	vement
Model #	in	mm	in	mm	in	mm
EJ-SFC-200	2.0	51	3.50	89	2.0	51
EJ-SFC-400	4.0	102	6.50	165	5.0	127
EJ-SFC-600	6.0	152	9.50	241	8.0	203
EJ-SFC-800	8.0	203	12.50	318	11.0	279
EJ-SFC-1000	10.0	254	15.50	394	14.0	356
EJ-SFC-1200	12.0	305	18.50	470	17.0	432
EJ-SFC-1800	18.0	457	27.50	699	26.0	660
EJ-SFC-2400	24.0	610	36.50	927	35.0	889

#### SEISMIC • SFCW

- · Top mount cover plate
- Blockout required







Floor to Wall		int ng (A)	Sys Widt		Total Mo	vement
Model #	in	mm	in	mm	in	mm
EJ-SFC-200w	2.0	51	2.75	70	1.5	38
EJ-SFC-400w	4.0	102	5.25	133	4.0	102
EJ-SFC-600w	6.0	152	7.75	197	6.5	165
EJ-SFC-800w	8.0	203	10.25	260	9.0	229
EJ-SFC-1000w	10.0	254	12.75	324	11.5	292
EJ-SFC-1200w	12.0	305	15.25	387	14.0	356
EJ-SFC-1800w	18.0	457	22.75	578	21.5	546
EJ-SFC-2400w	24.0	610	30.25	768	29.0	737

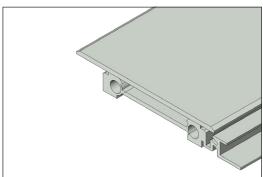
17

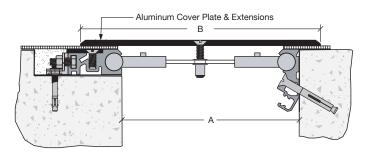
## INTERIOR FLOOR

#### SEISMIC • SFB

- · Ideal for new to existing applications
- Blockout required







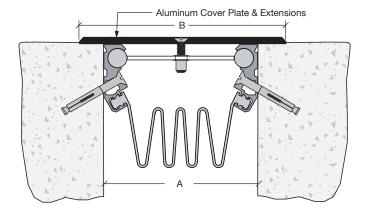
Floor to Floor		Joint System ening (A) Width (B)		Total Movement		
Model #	in	mm	in	mm	in	mm
EJ-SFB-400	4.0	102	6.50	165	5.0	127
EJ-SFB-600	6.0	152	9.50	241	8.0	203
EJ-SFB-800	8.0	203	12.50	318	11.0	279
EJ-SFB-1000	10.0	254	15.50	394	14.0	356
EJ-SFB-1200	12.0	305	18.50	470	17.0	432
EJ-SFB-1800	18.0	457	27.50	699	26.0	660

#### SEISMIC • SFE

- · Surface mount seismic application
- · Perfect for retrofit







Floor to Floor	Jo Openi		System Width (B)		Total Movemen		
Model #	in	mm	in	mm	in	mm	
SFE-400	4.0	102	6.50	165	4.0	102	
SFE-600	6.0	152	9.50	241	7.0	178	
SFE-800	8.0	203	12.50	318	10.0	254	
SFE-1000	10.0	254	15.50	394	13.0	330	
SFE-1200	12.0	305	18.50	470	16.0	406	
SFE-1800	18.0	457	27.50	699	25.0	635	

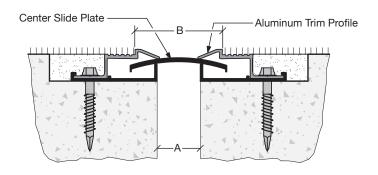
### INTERIOR FLOOR

#### SEISMIC • NBR

- · Vertical offset applications
- Blockout required
- Limited sightline







Floor to Floor		int ing (A)	System Width (B)		Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-NBR-100	1.0	25	2.0	51	2.0	51	
EJ-NBR-200	2.0	51	3.0	76	2.0	51	
EJ-NBR-300	3.0	76	4.0	102	3.0	76	
EJ-NBR-400	4.0	102	5.0	127	4.0	102	

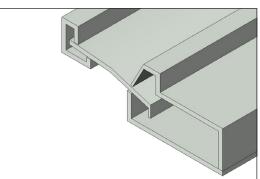
#### SEISMIC • NBRW

· Vertical offset applications

Center Slide Plate - Aluminum

- Blockout required
- · Limited sightline





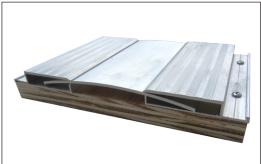
Trim Profile —								
\ <del>                                    </del>		Floor to Wall	Jo Open	oint ing (A)	Sys Wid	stem th (B)	Total Mo	ovem
		Model #	in	mm	in	mm	in	m
		EJ-NBR-100w	1.0	25	1.5	38	1.0	2
	7	EJ-NBR-200w	2.0	51	2.5	64	1.0	2
		EJ-NBR-300w	3.0	76	3.5	89	2.25	5
	C Mrs	EJ-NBR-400w	4.0	102	4.5	114	2.25	5
	441111111							

## INTERIOR FLOOR

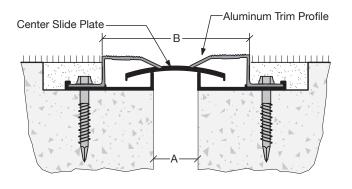
#### SEISMIC • NBF

- · Vertical offset applications
- Blockout required





Floor to Floor	Jo Openi			Total Movement		
Model #	in	mm	in	mm	in	mm
EJ-NBF-100	1.0	25	3.5	89	2.0	51
EJ-NBF-200	2.0	51	4.5	114	2.0	51
EJ-NBR-300	3.0	76	7.94	202	3.0	76
EJ-NBR-400	4.0	102	8.94	227	4.0	102



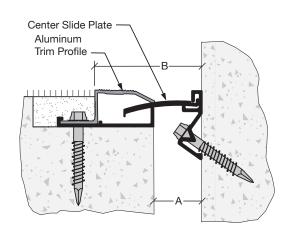
#### SEISMIC • NBFW

- Vertical offset applications
- Blockout required





Floor to Wall		int ng (A)	System Width (B)				
Model #	in	mm	in	mm	in	mm	
EJ-NBF-100w	1.0	25	2.25	57	1.0	25	
EJ-NBF-200w	2.0	51	3.25	83	1.0	25	
EJ-NBF-300w	3.0	76	5.5	140	2.25	57	
EJ-NBF-400w	4.0	102	6.5	165	2.25	57	



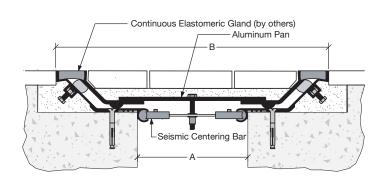
## INTERIOR FLOOR

#### SEISMIC • FLP

- · Ideal for terrazzo tile applications
- · Blockout required





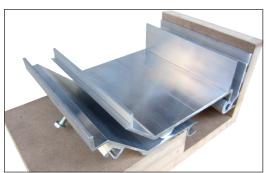


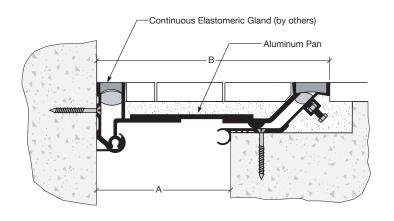
Floor to Floor	Joint Opening (A)		System Width (B)		Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-FLP-200	2.0	51	10.8125	275	3	76	
EJ-FLP-400	4.0	102	12.88	327	4.75	121	
EJ-FLP-600	6.0	152	14.88	378	7.75	197	
EJ-FLP-800	8.0	203	18.88	480	10.75	273	
EJ-FLP-1000	10.0	254	20.88	530	13.75	349	
EJ-FLP-1200	12.0	305	23.88	607	16.75	425	
EJ-FLP-1600	16.0	406	29.88	759	22.75	578	
EJ-FLP-1800	18.0	457	34.88	886	25.75	654	

#### SEISMIC • FLPW

- · Ideal for terrazzo tile applications
- · Blockout required







Floor to Wall		int ng (A)	Sys Widt		Total Mo	vement
Model #	in	mm	in	mm	in	mm
EJ-FLP-200w	2.0	51	6.4375	164	1.375	35
EJ-FLP-400w	4.0	102	8.44	214	3.0	76
EJ-FLP-600w	6.0	152	10.44	265	5.5	140
EJ-FLP-800w	8.0	203	13.44	341	8.0	203
EJ-FLP-1000w	10.0	254	15.44	392	10.5	267
EJ-FLP-1200w	12.0	305	17.94	456	13.0	330
EJ-FLP-1600w	16.0	406	22.94	583	18.0	457
EJ-FLP-1800w	18.0	457	26.44	672	20.5	521



### INTERIOR FLOOR

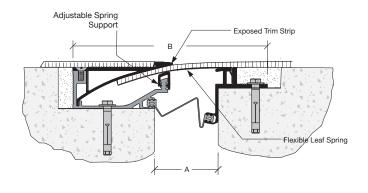
#### SEISMIC • FLC

- · Durable cover system with minimal sightline
- Ideal for carpeted floors and vinyl tile
- Premium commercial grade system





Floor to Floor	Joint Opening (A)		System Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-FLC-100	1.0	25	9.69	246	1.0	25
EJ-FLC-200	2.0	51	9.69	246	2.0	51
EJ-FLC-400	4.0	102	9.69	246	4.0	102
EJ-FLC-600	6.0	152	13.63	346	6.0	152



#### SEISMIC • FLCW

- · Durable cover system with minimal sightline
- Ideal for carpeted floors and vinyl tile
- Premium commercial grade system

Adjustable Spring Support





							Par.		
Ĭ									
			Floor to Wall		int ng (A)	Sys Widt		Total Mo	ovement
ENAMED APART OF THE	AP AST		Model #	in	mm	in	mm	in	mm
		Flexible Leaf Spring	EJ-FLC-100w	1.0	25	7.31	186	1.0	25
Salabara Talliabara	U		EJ-FLC-200w	2.0	51	7.31	186	2.0	51
			EJ-FLC-400w	4.0	102	7.31	186	4.0	102
	A		EJ-FLC-600w	6.0	152	11.25	286	6.0	152
	3. B. (								

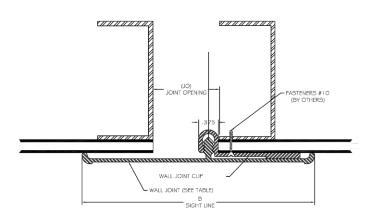
Exposed Trim Strip



#### SURFACE MOUNT • WJ



- Snap-lock assembly is quick and easy to install
- Clear anodized finish



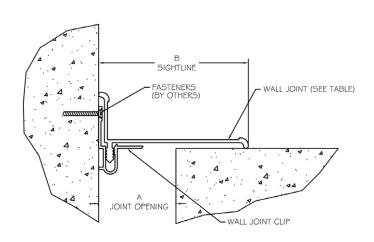


Wall to Wall	Joint Opening (A)		System Width (B)		To Move	
Model #	in	mm	in	mm	in	mm
WJ-100	1.0	25	3.00	76	0.5	13
WJ-150	1.5	38	4.00	102	2.0	51
WJ-200	2.0	51	5.75	146	2.0	51
WJ-300	3.0	76	7.00	178	3.0	76

#### SURFACE MOUNT • WJW



- Aluminum edge components
- Clear anodized finish



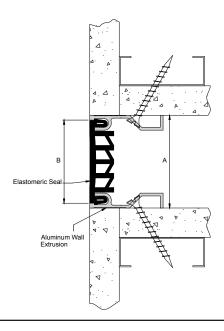


Wall to Wall	Jo Openi		System Width (B)			
Model #	in	mm	in	mm	in	mm
WJ-100w	1.0	25	3.00	76	0.5	13
WJ-200w	2.0	51	5.75	146	2.0	51
WJ-300w	3.0	76	7.00	178	3.0	76



#### **ELASTOMERIC • LCWF**

- · Corridor wrap applications
- Features a flat seal for narrow sightlines





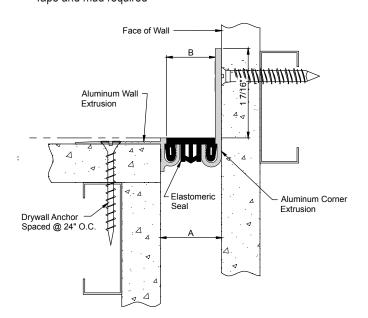


$\subset$	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	$\supset$
	Black (-B)	

Wall / Ceiling to Same	Joint Opening (A)		System Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-LCWF-100	1.0	25	1.0	25	0.5	13
EJ-LCWF-200	2.0	51	2.0	51	1.0	25
F.I-I CWF-300	3.0	76	3.0	76	1.5	38

#### **ELASTOMERIC • LCWM**

- · Corridor wrap applications
- Features a flat seal for narrow sightlines
- Tape and mud required







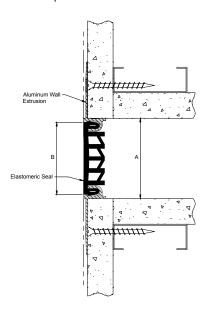
$\subset$	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	$\supset$
	Black (-B)	

Wall / Ceiling to Same	Joint Opening (A)		System Width (B)		Total Movemen	
Model #	in	mm	in	mm	in	mm
EJ-LCWM-100	1.0	25	1.0	25	0.5	13
EJ-LCWM-200	2.0	51	2.0	51	1.0	25
EJ-LCWM-300	3.0	76	3.0	76	1.5	38



#### **ELASTOMERIC • LCW**

- · Corridor wrap applications
- Features a flat seal for narrow sightlines
- Tape and mud required





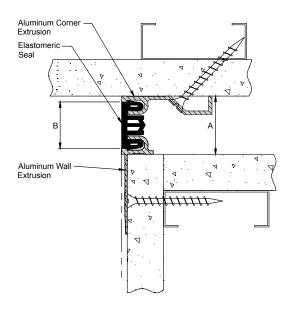


Beige (-E)	
White (-W)	$\supset$
Gray (-G)	
Black (-B)	
	White (-W)

Wall / Ceiling to Same		Joint Opening (A)		tem h (B)	Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-LCW-100	1.0	25	1.0	25	0.5	13
EJ-LCW-200	2.0	51	2.0	51	1.0	25
EJ-LCW-300	3.0	76	3.0	76	1.5	38

#### **ELASTOMERIC • LCW**W

- · Corridor wrap applications
- Features a flat seal for narrow sightlines
- · Tape and mud required







	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	$\supset$
	Black (-B)	

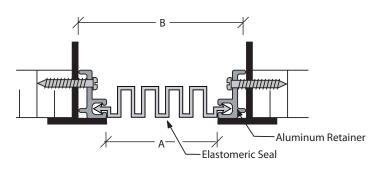
Wall / Ceiling to Same	Joint Opening (A)		System Width (B)		Total Moveme	
Model #	in	mm	in	mm	in	mm
EJ-LCW-100w	1.0	25	1.0	25	0.5	13
EJ-LCW-200w	2.0	51	2.0	51	1.0	25
EJ-LCW-300w	3.0	76	3.0	76	1.5	38



#### **ELASTOMERIC • TCF**

EXPANSION & CONTRACTION

- · Corridor wrap applications
- · Designed for maximum flexibility



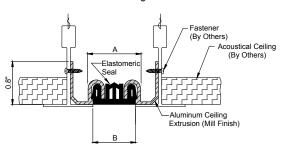


	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	
	Black (-B)	

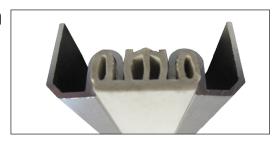
Ceiling to Ceiling	Joint Opening (A)		System Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-TCF-100	1.0	25	1.88	48	1.0	25
EJ-TCF-150	1.5	38	2.38	60	1.0	25
EJ-TCF-200	2.0	51	2.88	73	3.5	89
EJ-TCF-300	3.0	76	3.88	99	3.5	89
EJ-TCF-400	4.0	102	4.88	124	4.0	102

#### **ELASTOMERIC • LCA**

- · Designed for ceiling acoustical tiles
- Corridor wrap applications
- · Features a flat seal for narrow sightlines





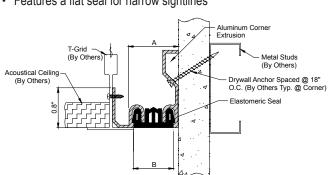


$\subset$	Beige (-E)	
C	White (-W)	$\supset$
$\subset$	Gray (-G)	$\supset$
	Black (-B)	

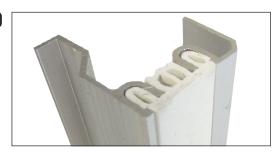
Ceiling to Ceiling	Joint Opening (A)		System Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-LCA-100	1.0	25	1.0	25	0.5	13
EJ-LCA-200	2.0	51	2.0	51	1.0	25

#### **ELASTOMERIC • LCAW**

- · Designed for ceiling acoustical tiles
- Corridor wrap applications
- · Features a flat seal for narrow sightlines







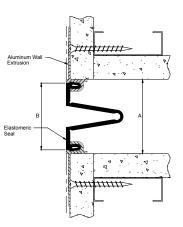
$\subset$	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	
	Black (-B)	

Ceiling to Wall	Joint Opening (A)				Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-LCA-100w	1.0	25	1.0	25	0.5	13
EJ-LCA-200w	2.0	51	2.0	51	1.0	25



#### SEISMIC • LCD

- · Complex directional changes
- No visible hardware
- Tape and mud required





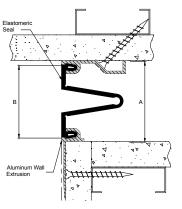


$\subset$	Beige (-E)	$\supset$
$\subset$	White (-W)	
	Gray (-G)	
	Black (-B)	

Wall / Ceiling to Same	Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-LCD-100	1.0	25	1.0	25	0.5	13
EJ-LCD-200	2.0	51	2.0	51	2.0	51
EJ-LCD-300	3.0	76	3.0	76	3.0	76
EJ-LCD-400	4.0	102	4.0	102	4.0	102
EJ-LCD-500	5.0	127	5.0	127	5.0	127
EJ-LCD-600	6.0	152	6.0	152	6.0	152

#### SEISMIC • LCDW

- · Complex directional changes
- Wall and corner condition
- Tape and mud required





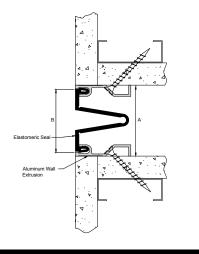


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Wall / Ceiling to Same	Joint Opening (A)			System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm	
EJ-LCD-100w	1.0	25	1.0	25	0.5	13	
EJ-LCD-200w	2.0	51	2.0	51	2.0	51	
EJ-LCD-300w	3.0	76	3.0	76	3.0	76	
EJ-LCD-400w	4.0	102	4.0	102	4.0	102	
EJ-LCD-500w	5.0	127	5.0	127	5.0	127	
EJ-LCD-600w	6.0	152	6.0	152	6.0	152	

#### SEISMIC • LCH

- · Maximum movement
- · No visible hardware





LATERAL SHEAR





Wall / Ceiling to Same	Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-LCH-100	1.0	25	1.0	25	0.5	13
EJ-LCH-200	2.0	51	2.0	51	2.0	51
EJ-LCH-300	3.0	76	3.0	76	3.0	76
EJ-LCH-400	4.0	102	4.0	102	4.0	102
EJ-LCH-500	5.0	127	5.0	127	5.0	127
EJ-LCH-600	6.0	152	6.0	152	6.0	152

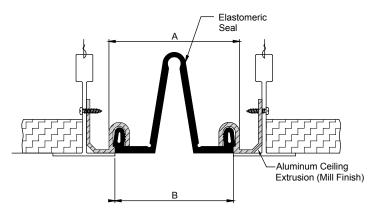


#### SEISMIC • LCE

- Ceiling grid installationNo visible hardware









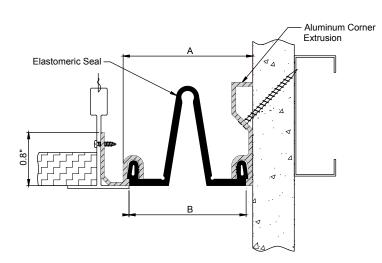
Ceiling to Ceiling	Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-LCE-100	1.0	25	0.75	18	0.5	13
EJ-LCE-200	2.0	51	1.75	45	2.0	51
EJ-LCE-300	3.0	76	2.75	70	3.0	76
EJ-LCE-400	4.0	102	3.75	96	4.0	102
EJ-LCE-500	5.0	127	4.75	121	5.0	127
EJ-LCE-600	6.0	152	5.75	146	6.0	152

#### SEISMIC • LCEW

- Ceiling grid installationWall corner condition







$\subset$	Beige (-E)	
$\subset$	White (-W)	$\supset$
$\subset$	Gray (-G)	
	Black (-B)	

Ceiling to Wall	Jo Openi		Sys Widt		Total Movement		
Model #	in	mm	in mm		in	mm	
EJ-LCE-100w	1.0	25	0.75	18	0.5	13	
EJ-LCE-200w	2.0	51	1.75	45	2.0	51	
EJ-LCE-300w	3.0	76	2.75	70	3.0	76	
EJ-LCE-400w	4.0	102	3.75	96	4.0	102	
EJ-LCE-500w	5.0	127	4.75	121	5.0	127	
EJ-LCE-600w	6.0	152	5.75	146	6.0	152	

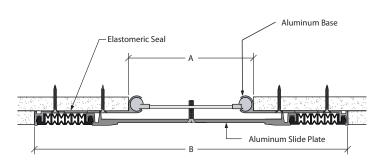
## INTERIOR WALL & CEILING

#### SEISMIC • SWNB

- · Twin seals for more movement
- · Seismic centering technology









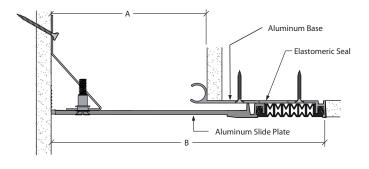
Wall / Ceiling to Same	Jo Openi	int ng (A)	Sys Widt		Total Moven			
Model #	in mm		Model # in		in	mm	in	mm
EJ-SWNB-400	4.0	102	11.88	302	4.0	102		
EJ-SWNB-600	6.0	152	15.88	403	7.0	178		
EJ-SWNB-800	8.0	203	17.88	454	10.0	254		
EJ-SWNB-1000	10.0	254	21.88	556	13.0	330		
EJ-SWNB-1200	12.0	305	23.88	606	16.0	406		
EJ-SWNB-1800	18.0	457	33.88	860	25.0	635		
EJ-SWNB-2400	24.0	610	42.88	1089	34.0	864		

#### SEISMIC • SWNBW

· Seismic centering technology









Wall / Ceiling to Corner	Joint Opening (A)		Sys Widt		Total Movement		
Model #	in mm		in	mm	in	mm	
EJ-SWNB-400w	4.0	102	7.94	202	3.25	83	
EJ-SWNB-600w	6.0	152	10.94	278	5.75	146	
EJ-SWNB-800w	8.0	203	12.94	329	7.75	197	
EJ-SWNB-1000w	10.0	254	15.94	405	11.25	286	
EJ-SWNB-1200w	12.0	305	17.94	456	13.25	337	
EJ-SWNB-1800w	18.0	457	25.63	651	21.00	533	
EJ-SWNB-2400w	24.0	610	33.13	841	28.50	724	

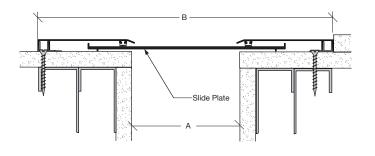


#### SEISMIC GLIDE • WCS

- Multi-directional seismic jointsInstalls flush with finished surface
- · Aesthetic metal cover







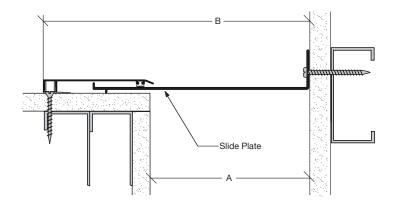
Wall / Ceiling to Same	Joint Opening (A)		Sys Widt		Total Movement			
Model #	in	mm	in	mm	in	mm		
EJ-WCS-100	1.0	25	7.56	192	4.0	102		
EJ-WCS-200	2.0	51	8.56	219	4.0	102		
EJ-WCS-300	3.0	76	9.56	243	4.0	102		
EJ-WCS-400	4.0	102	13.63	346	7.0	178		
EJ-WCS-600	6.0	152	15.63	397	7.0	178		
EJ-WCS-800	8.0	203	20.75	527	8.0	203		
EJ-WCS-1000	10.0	254	24.75	629	10.0	254		
EJ-WCS-1200	12.0	305	28.75	730	12.0	305		
EJ-WCS-1800	18.0	457	40.75	1035	18.0	457		
EJ-WCS-2400	24.0	610	52.75	1340	24.0	610		

#### SEISMIC GLIDE • WCSW

- · Multi-directional seismic joints
- · Installs flush with finished surface
- · Aesthetic metal cover







Wall / Ceiling to Corner	Jo Openi		System Width (B)				
Model #	in	mm	in	mm	in	mm	
EJ-WCS-100w	1.0	25	5.5	140	3.0	76	
EJ-WCS-200w	2.0	51	4.75	121	3.0	25	
EJ-WCS-300w	3.0	76	7.25	184	3.0	76	
EJ-WCS-400w	4.0	102	7.75	197	4.5	114	
EJ-WCS-600w	6.0	152	10.75	273	4.5	114	
EJ-WCS-800w	8.0	203	13.75	349	8.0	203	
EJ-WCS-1000w	10.0	254	16.75	425	10.0	254	
EJ-WCS-1200w	12.0	305	19.75	502	12.0	305	
EJ-WCS-1800w	18.0	457	28.75	730	18.0	457	
EJ-WCS-2400w	24.0	610	37.75	959	24.0	610	

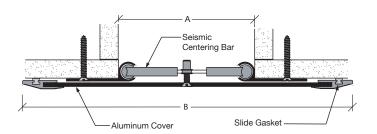
### INTERIOR WALL & CEILING

#### SEISMIC GLIDE • FCT

- · Installs flush with finished surface
- · Excellent low maintenance system
- · Conceals irregularities in joint opening





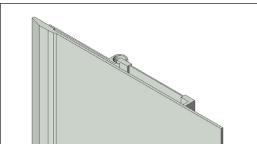


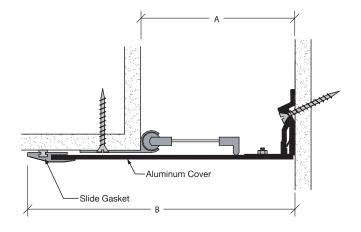
Wall / Ceiling to Same	Joint Opening (A) in mm		Sys Widt	tem h (B)	Total Movement		
Model #			el# in mm in mm				in
EJ-FCT-400	4.0	102	13.5	343	9.75	248	
EJ-FCT-600	6.0	152	13.5	343	9.75	248	
EJ-FCT-800	8.0	203	17.5	445	13.75	349	
EJ-FCT-1000	10.0	254	21.5	546	17.25	438	
EJ-FCT-1200	12.0	305	25.5	648	21.00	533	
EJ-FCT-1800	18.0	457	37.5	953	33.00	838	
EJ-FCT-2400	24.0	610	49.5	1257	45.00	1143	

#### SEISMIC GLIDE • FCTW

- · Installs flush with finished surface
- · Excellent low maintenance system
- · Conceals irregularities in joint opening







Wall / Ceiling to Corner	Joint Opening (A)		Sys Widt		Total Movement		
Model #	in mm in mm		in	mm			
EJ-FCT-400w	4.0	102	9.75	248	6.25	159	
EJ-FCT-600w	6.0	152	9.75	343	6.25	159	
EJ-FCT-800w	8.0	203	12.75	324	8.25	210	
EJ-FCT-1000w	10.0	254	15.75	400	10.25	260	
EJ-FCT-1200w	12.0	305	18.75	476	12.25	311	
EJ-FCT-1800w	18.0	457	27.75	705	18.25	464	
EJ-FCT-2400w	24.0	610	36.75	984	24.25	616	



## EXTERIOR WALL

#### COMPRESSION SEAL • SAN

Continuous Elastomeric Gland

- · Flexible continuous length
- · Versatile and durable design









PrimaLub Adhesive —	B

Slab to Slab		,	Joint Op	ening (A	<b>a)</b>		Installation Groove			
SIAD TO SIAD	Mini	mum	Maxi	mum	То	tal	Wi	dth	Dept	h (B)
Model # in mm		in	mm	in	mm	in	mm	in	mm	
EJ-SAN-100*	0.50	13	1.50	38	1.00	25	1.00	25	N/A	N/A
EJ-SAN-225	0.69	17	1.94	49	1.25	32	1.38	35	1.88	48
EJ-SAN-250	1.06	27	2.13	54	1.06	27	1.63	41	2.38	60
EJ-SAN-300	1.25	32	2.56	65	1.31	33	2.00	51	2.53	64
EJ-SAN-400	1.25	32	3.38	86	2.13	54	2.38	60	3.19	81
EJ-SAN-500	1.44	37	4.25	108	2.81	71	2.88	73	3.63	92
EJ-SAN-600	1.81	46	5.13	130	3.31	84	3.50	89	4.63	117

\*Available in 10 foot sections

#### COMPRESSION SEAL • ES

- Versatile movement (+/- 25%)
- Easy installation
- Available in 5' sections





Pre-compressed, polymer saturated, polyurethane foam
A
Silicone Face Membrane (Dow Corning 790)

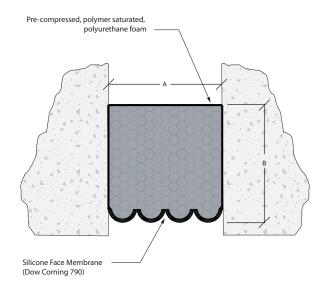
Wall to Wall		,	Joint Op	ening (A	.)		Sys	stem
VVall to VVall	Mini	num	Maxi	mum	То	tal	Dept	th (B)
Model #	in	mm	in	mm	in	mm	in	mm
EJ-ES-100	0.75	19	1.25	32	0.50	13	1.5	38
EJ-ES-150	1.13	27	1.88	48	0.75	19	2.0	51
EJ-ES-200	1.50	38	2.50	64	1.00	25	2.0	51
EJ-ES-250	1.88	48	3.13	80	1.25	32	2.0	51
EJ-ES-300	2.25	57	3.75	95	1.50	38	2.5	64
EJ-ES-350	2.63	67	4.38	111	1.75	44	2.5	64
EJ-ES-400	3.00	76	5.00	127	2.00	51	2.5	64
EJ-ES-500	3.75	95	6.25	159	2.50	64	4.0	102



## EXTERIOR WALL

#### SEISMIC COMPRESSION SEAL • SES

- Versatile movement (+/- 50%)
- Pre-compressed for easy installation







Wall to Wall		Joint Opening (A)						
vvali to vvali	Mini	num	Maximum		Total		Depth (B)	
Model #	in	mm	in	mm	in	mm	in	mm
EJ-SES-100	0.50	13	1.50	38	1.0	25	1.5	38
EJ-SES-150	0.75	19	2.25	57	1.5	38	2.0	51
EJ-SES-200	1.00	25	3.00	76	2.0	51	2.0	51
EJ-SES-250	1.25	32	3.75	95	2.5	64	2.0	51
EJ-SES-300	1.50	38	4.50	114	3.0	76	3.0	76
EJ-SES-350	1.75	44	5.25	133	3.5	89	3.0	76
EJ-SES-400	2.00	51	6.00	152	4.0	102	4.0	102
EJ-SES-500	2.50	64	7.50	191	5.0	127	4.0	102
EJ-SES-600	3.00	76	9.00	229	6.0	152	4.0	102

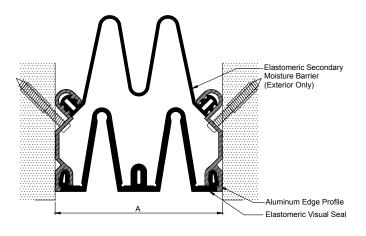
## EXTERIOR WALL

#### **ELASTOMERIC • EWN**

- Versatile movement (+/- 50%)
- For 2" 6" openings









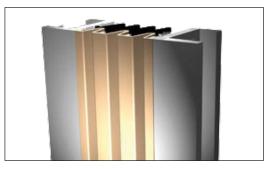
Wall to Wall	# of Seals	Joint Opening (A)		Total Mo	ovement
Model #	mm	in	mm	in	mm
EJ-EWN-200MB	1	2.0	51	2.63	67
EJ-EWN-300MB	1	3.0	76	5.13	130
EJ-EWN-400MB	1	4.0	102	4.75	121
EJ-EWN-500MB	1	5.0	127	6.75	171
EJ-EWN-600MB	1	6.0	152	9.50	241

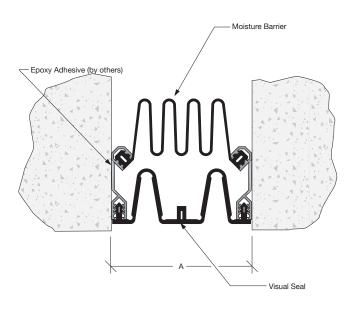
For interior applications, choose the non-Moisture Barrier option (remove MB from model number)

#### **ELASTOMERIC • EW**

- Versatile movement (+/- 50%)
- For openings larger than 6"









Wall to Wall	# of Seals	Jo Openi		Total Moveme		
Model #	mm	in	mm	in	mm	
EJ-EW-800MB	2	8.0	203	9.63	245	
EJ-EW-1000MB	2	10.0	254	13.63	346	
EJ-EW-1200MB	2	12.0	305	19.13	486	
EJ-EW-900MB	3	9.0	229	15.38	391	
EJ-EW-1500MB	4	15.0	381	20.25	514	
EJ-EW-1600MB	3	18.0	457	19.00	483	
EJ-EW-1800MB	4	18.0	457	28.50	724	
EJ-EW-2000MB	4	20.0	508	27.00	686	
EJ-EW-2400MB	4	24.0	610	38.00	965	

For interior applications, choose the non-Moisture Barrier option (remove MB from model number)

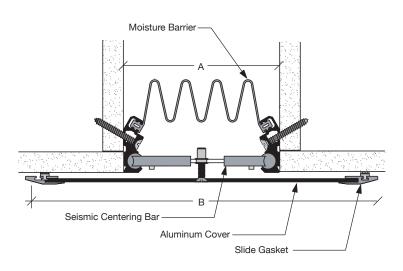


## EXTERIOR WALL

#### SEISMIC • RJX

- · Metal cover for wide openings
- · Vandal resistant



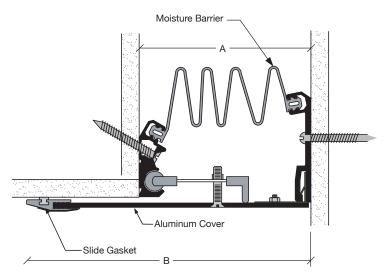


Wall / Ceiling to Same	Joint Opening (A)		Sys Widt		Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-RJX-600	6.0	152	13.5	343	9.75	248	
EJ-RJX-800	8.0	203	17.5	445	13.75	349	
EJ-RJX-1000	10.0	254	21.5	546	17.25	438	
EJ-RJX-1200	12.0	305	25.5	648	21.00	533	
EJ-RJX-1800	18.0	457	37.5	953	33.00	838	
EJ-RJX-2400	24.0	610	49.5	1257	45.00	1143	

#### SEISMIC • RJXW

- · Metal cover for wide openings
- · Vandal resistant



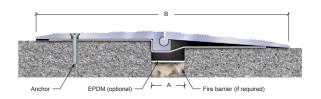


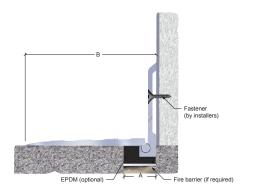
Wall / Ceiling to Corner	Joint Opening (A)		Sys Widt	tem h (B)	Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-RJX-600w	6.0	152	9.75	248	6.25	159	
EJ-RJX-800w	8.0	203	12.75	324	8.25	210	
EJ-RJX-1000w	10.0	254	15.75	400	10.25	260	
EJ-RJX-1200w	12.0	305	18.75	476	12.25	311	
EJ-RJX-1800w	18.0	457	27.75	705	18.25	434	
EJ-RJX-2400w	24.0	610	36.75	984	24.25	616	



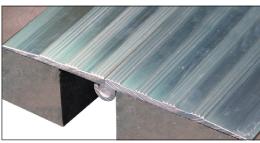
#### SURFACE MOUNT • PD / PDw

- · Hinged design for uneven floors
- · Ideal for slow vehicular traffic and parking decks







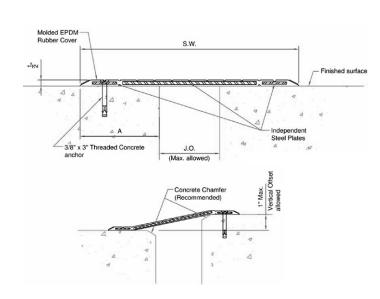


Floor to Floor	Joint Opening (A)		Syst Width		Total Movement		
Model #	in	mm	in	mm	in	mm	
PD-200	2.0	51	8	203	2.0	51	
PD-300	3.0	76	13.125	333	4.0	102	
PD-400	4.0	102	16	406	5.5	140	
PD-600	6.0	152	19.8	503	8.0	203	

Floor to Wall	Joint Opening (A)			tem h (B)	Total Movement		
Model #	in	mm	in	mm	in	mm	
PD-200w	2.0	51	5	127	1.5	38	
PD-300w	3.0	76	7	178	2.5	64	
PD-400w	4.0	102	11	279	3.0	76	

#### SURFACE MOUNT HEAVY DUTY • RCP

- Rubber hinged system
- Easy installation
- Heavy duty application









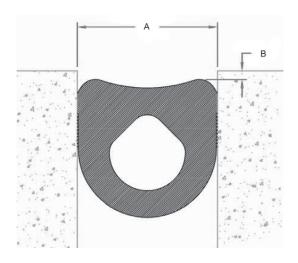


Floor to Floor	Joint Opening (A)		System Width (B)		Total Mo	ovement
Model #	in	mm	in	mm	in	mm
EJ-RCP-600	6.0	152	12.0	305	6.0	152
EJ-RCP-1000	10.0	254	18.0	457	6.0	152



#### COMPRESSION SEAL • INS

- · Ideal for stairwells and elevator shafts
- · Water resistant application







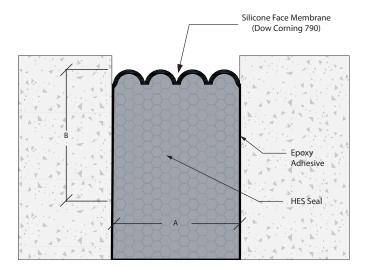
Slab to Slab	J Minir		ening (A Maxi	,	(A) 20 % Compressed		Total Movement		
Model #	in	mm	in	mum	in	mm	in	mm	
EJ-INS-100	.45	11	1.25	32	.80	20	.8	20	
EJ-INS-150	.675	17	1.875	48	1.2	31	1.2	31	
EJ-INS-200	.9	23	2.5	64	1.6	41	1.6	41	
EJ-INS-250	1.125	29	3.125	79	2.0	51	2.0	51	
EJ-INS-300	1.35	34	3.75	95	2.4	61	2.4	61	
EJ-INS-400	1.8	46	5.0	127	3.2	81	3.2	81	

#### SEISMIC COMPRESSION SEAL • HES

- · Acts as secondary sealant in case the primary elastomeric coating is damaged
- Horizontal applications
- Pre-compressed for easy installation





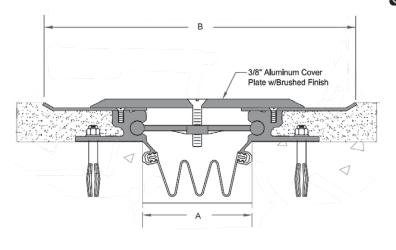


Floor to Floor		System						
	Minimum		Maximum		Total		Depth (B)	
Model #	in	mm	in	mm	in	mm	in	mm
EJ-HES-25	0.50	13	1.00	25	1.0	25	2.0	51
EJ-HES-40	0.75	19	2.50	38	1.5	38	2.0	51
EJ-HES-50	1.00	25	2.00	51	2.0	51	3.0	76
EJ-HES-65	1.25	32	2.50	64	2.5	64	3.0	76
EJ-HES-75	1.50	38	3.00	76	3.0	76	3.0	76
EJ-HES-90	1.75	44	3.50	89	3.5	89	3.0	76
EJ-HES-100	2.00	51	4.00	102	4.0	102	3.0	76



#### SEISMIC • PTX

- · Accommodates heavy loads
- · Seismic centering technology
- Wide joint openings
- Flush to surface

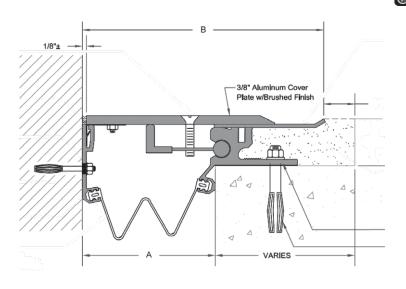


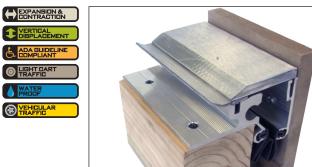


Floor to Floor	Joint Opening (A)			tem h (B)	Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-PTX-200	2	51	6.25	159	1.625	41	
EJ-PTX-400	4	102	10.25	260	4.625	117	
EJ-PTX-600	6	152	14.25	362	7.625	194	
EJ-PTX-850	8	203	18.25	464	10.625	270	
EJ-PTX-1000	10	254	22.25	565	13.625	346	
EJ-PTX-1200	12	305	26.25	667	16.625	422	
EJ-PTX-1500	15	381	32.75	832	21.625	549	
EJ-PTX-1800	18	457	38.25	972	25.625	657	

#### SEISMIC • PTXW

- · Accommodates heavy loads
- Seismic centering technology
- Wide joint openings
- Flush to surface





Floor to Wall	Joint Opening (A)		Sys Widt		Total Movement		
Model #	in	mm	in	mm	in	mm	
EJ-PTX-200w	2	51	4.125	104	1.25	32	
EJ-PTX-400w	4	102	7.125	181	3.75	95	
EJ-PTX-600w	6	152	10.125	257	6.25	159	
EJ-PTX-850w	8	203	13.125	333	8.75	222	
EJ-PTX-1000w	10	254	16.125	410	6.625	169	
EJ-PTX-1200w	12	305	19.125	486	8.125	206	
EJ-PTX-1500w	15	381	23.875	606	10.625	270	
EJ-PTX-1800w	18	457	28.125	714	12.625	321	



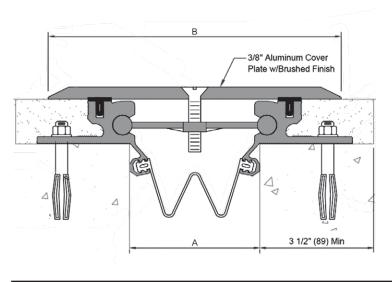
#### SEISMIC • PTS

- Accommodates heavy loads
- Seismic centering technology
- Wide joint openings



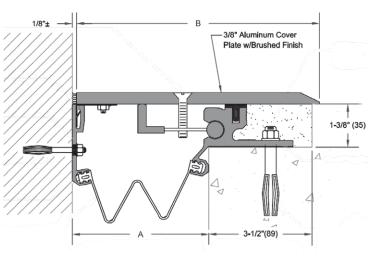


Floor to Floor		Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm	
EJ-PTS-200	2	51	5.75	146	1.625	41	
EJ-PTS-400	4	102	8.75	222	4.625	117	
EJ-PTX-600	6	152	11.75	298	7.625	194	
EJ-PTS-850	8	203	14.75	375	10.625	270	
EJ-PTS-1000	10	254	17.75	451	13.625	346	
EJ-PTS-1200	12	305	20.75	527	16.625	422	
EJ-PTS-1500	15	381	25.75	654	21.625	549	
EJ-PTS-1800	18	457	29.75	756	25.625	657	



#### SEISMIC • PTSW

- · Accommodates heavy loads
- · Seismic centering technology
- Wide joint openings







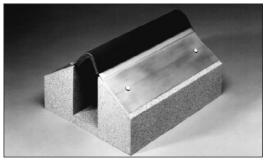
Floor to Wall	Jo Openi		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-PTS-200w	2	51	3.75	95	1.25	32
EJ-PTS-400w	4	102	6.25	159	3.75	95
EJ-PTS-600w	6	152	8.75	222	6.25	159
EJ-PTS-850w	8	203	11.25	286	8.75	222
EJ-PTS-1000w	10	254	13.75	349	6.625	169
EJ-PTS-1200w	12	305	16.125	413	8.125	206
EJ-PTS-1500w	15	381	20.25	514	10.625	270
EJ-PTS-1800w	18	457	23.75	603	12.625	321

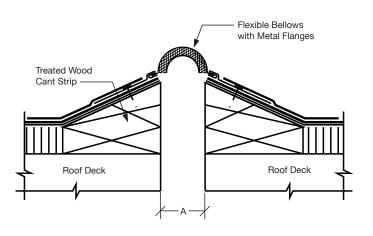


#### **Bellows • EEJ**

- · Flexible expanded rubber with membrane
- Integral metal flanges
- Custom transitions available



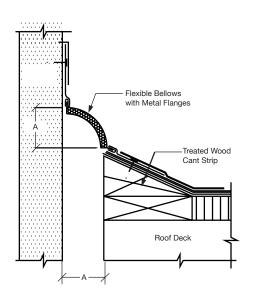




Roof to Roof	Opening (A) & Movement				Opening (A) & Movement	
Model #	in	mm	Model #	in	mm	
EJ-EEJ-100	1.0	25	EJ-EEJ-800	8.0	203	
EJ-EEJ-200	2.0	51	EJ-EEJ-1000	10.0	254	
EJ-EEJ-300	3.0	76	EJ-EEJ-1200	12.0	305	
EJ-EEJ-400	4.0	102	EJ-EEJ-1600	16.0	406	
EJ-EEJ-500	5.0	127	EJ-EEJ-1800	18.0	457	
EJ-EEJ-600	6.0	152	EJ-EEJ-2000	20.0	508	
EJ-EEJ-700	7.0	178				

#### Bellows • EEJw

- · Flexible expanded rubber with membrane
- Integral metal flanges
- Custom transitions available





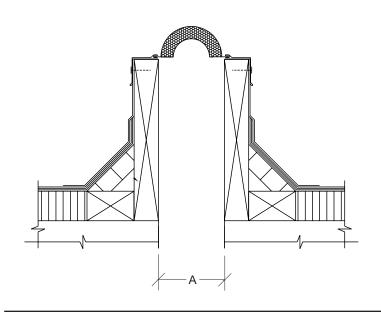


Roof to Wall		ng (A) ement	Roof to Wa		Opening (A) & Movement	
Model #	in	mm	Model #	in	mm	
EJ-EEJ-100w	1.0	25	EJ-EEJ-800w	8.0	203	
EJ-EEJ-200w	2.0	51	EJ-EEJ-1000	w 10.0	254	
EJ-EEJ-300w	3.0	76	EJ-EEJ-1200	w 12.0	305	
EJ-EEJ-400w	4.0	102	EJ-EEJ-1600	w 16.0	406	
EJ-EEJ-500w	5.0	127	EJ-EEJ-1800	w 18.0	457	
EJ-EEJ-600w	6.0	152	EJ-EEJ-2000	w 20.0	508	
EJ-EEJ-700w	7.0	178				



#### **BELLOWS • ECF**

- Flexible expanded rubber with membraneIntegral metal flanges
- Curb mount required



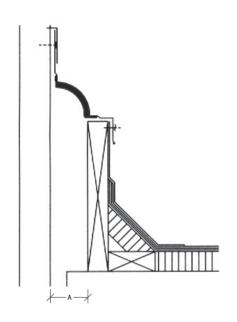




Roof to Roof	Opening (A) & Movement		Roof to Roof	Opening (A) & Movement	
Model #	in	mm	Model #	in	mm
EJ-ECF-100	1.0	25	EJ-ECF-800	8.0	203
EJ-ECF-200	2.0	51	EJ-ECF-1000	10.0	254
EJ-ECF-300	3.0	76	EJ-ECF-1200	12.0	305
EJ-ECF-400	4.0	102	EJ-ECF-1600	16.0	406
EJ-ECF-500	5.0	127	EJ-ECF-1800	18.0	457
EJ-ECF-600	6.0	152	EJ-ECF-2000	20.0	508
EJ-ECF-700	7.0	178			

#### **B**ELLOWS • **E**CFW

- · Flexible expanded rubber with membrane
- Integral metal flanges
- Curb mount required







Roof to Wall	Opening (A) & Movement				ng ( <i>l</i> eme
Model #	in	mm	Model #	in	mı
EJ-ECF-100w	1.0	25	EJ-ECF-800w	8.0	2
EJ-ECF-200w	2.0	51	EJ-ECF-1000w	10.0	2
EJ-ECF-300w	3.0	76	EJ-ECF-1200w	12.0	3
EJ-ECF-400w	4.0	102	EJ-ECF-1600w	16.0	4
EJ-ECF-500w	5.0	127	EJ-ECF-1800w	18.0	4
EJ-ECF-600w	6.0	152	EJ-ECF-2000w	20.0	5
ELECE 700w	7.0	170			



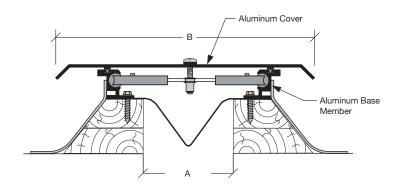
#### SEISMIC • RJS

- Flat or sloped roofsEngineered for snow & ice loads
- Puncture proof



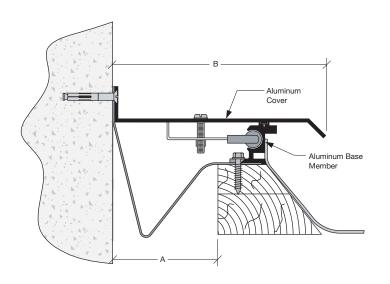


Roof to Roof	Jo Openi		Sys Widt		Total Mo	vement
Model #	in	mm	in	mm	in	mm
EJ-RJS-200	2.0	51	8.0	203	3.0	76
EJ-RJS-400	4.0	102	11.0	279	6.0	152
EJ-RJS-600	6.0	152	14.0	356	9.0	229
EJ-RJS-800	8.0	203	17.0	432	12.0	305
EJ-RJS-1000	10.0	254	20.0	508	15.0	381
EJ-RJS-1200	12.0	305	23.0	584	18.0	457
EJ-RJS-1800	18.0	457	32.0	813	27.0	686
EJ-RJS-2400	24.0	610	41.0	1041	36.0	914



#### SEISMIC • RJSW

- Flat or sloped roofsEngineered for snow & ice loads
- Puncture proof





Roof to Wall		Joint Opening (A)		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm	
EJ-RJS-200w	2.0	51	5.5	140	3.00	76	
EJ-RJS-400w	4.0	102	8.5	216	6.00	152	
EJ-RJS-600w	6.0	152	11.5	292	9.00	229	
EJ-RJS-800w	8.0	203	14.5	368	12.00	305	
EJ-RJS-1000w	10.0	254	17.5	445	9.75	248	
EJ-RJS-1200w	12.0	305	20.5	521	11.75	298	
EJ-RJS-1800w	18.0	457	29.5	749	17.75	451	
EJ-RJS-2400w	24.0	610	38.5	978	23.75	603	

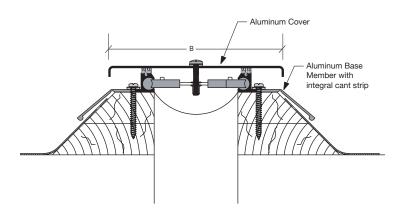


#### SEISMIC • RJF

- Flat or sloped roofs
- Engineered for snow & ice loads
- Puncture proof
- Integral flanges





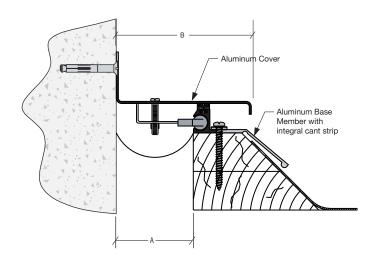


Roof to Roof		int ng (A)	System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-RJF-200	2.0	51	8.0	203	3.0	76
EJ-RJF-400	4.0	102	11.0	279	6.0	152
EJ-RJF-600	6.0	152	14.0	356	9.0	229
EJ-RJF-800	8.0	203	17.0	432	12.0	305
EJ-RJF-1000	10.0	254	20.0	508	15.0	381
EJ-RJF-1200	12.0	305	23.0	584	18.0	457
EJ-RJF-1800	18.0	457	32.0	813	27.0	686
EJ-RJF-2400	24.0	610	41.0	1041	36.0	914

#### SEISMIC • RJFW

- · Flat or sloped roofs
- Engineered for snow & ice loads
- Puncture proof
- Integral flanges





Roof to Wall	Jo Openi		System Width (B)		Total Movement	
Model #	in	mm	in	mm	in	mm
EJ-RJF-200w	2.0	51	5.5	140	3.00	76
EJ-RJF-400w	4.0	102	8.5	216	6.00	152
EJ-RJF-600w	6.0	152	11.5	292	9.00	229
EJ-RJF-800w	8.0	203	14.5	368	12.00	305
EJ-RJF-1000w	10.0	254	17.5	445	9.75	248
EJ-RJF-1200w	12.0	305	20.5	521	11.75	298
EJ-RJF-1800w	18.0	457	29.5	749	17.75	451
EJ-RJF-2400w	24.0	610	38.5	978	23.75	603



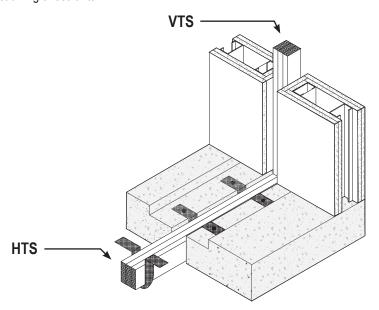
### FIRE BARRIER

#### COMPRESSION • HTS / VTS

- Fire ratings up to 3 hours
  For horizontal and vertical openings up to 4"
  Meets ASTM E-119, UL-263
- NFPA-251, ULC-5101
- No metal profiles
- Listed by Warnock HerseyNo caulking or sealants







Floor to Floor	Openi & Mov	ng (A) ement	Horizontal Fire Rating
Model #	in	mm	hours
EJ-HTS-1-	1.0	25	1 & 2 & 3
EJ-HTS-1.5-	1.5	38	1 & 2 & 3
EJ-HTS-2-	2.0	51	1 & 2 & 3
EJ-HTS-2.5-	2.5	64	1 & 2 & 3
EJ-HTS-3-	3.0	76	1 & 2 & 3
EJ-HTS-3.5-	3.5	89	1 & 2 & 3
EJ-HTS-4-	4.0	102	1 & 2 & 3

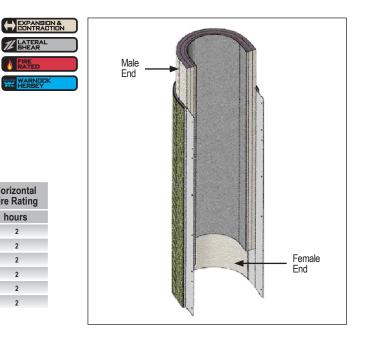
Wall to Wall	Openi & Mov	ng (A) ement	Vertical Fire Rating
Model #	in	mm	hours
EJ-VTS-1-	1.0	25	1 & 2
EJ-VTS-1.5-	1.5	38	1 & 2
EJ-VTS-2-	2.0	51	1 & 2
EJ-VTS-2.5-	2.5	64	1 & 2
EJ-VTS-3-	3.0	76	1 & 2
EJ-VTS-3.5-	3.5	89	1 & 2
EJ-VTS-4-	4.0	102	1 & 2

#### SEISMIC • FLW

- Fire Rated 2, 3, & 4 hoursTransitions are Fire Rated
- Listed by Warnock Hersey Meets UL-2079, ASTM E-1966, UL air leak
- Easy installation
- Guardian Fire Testing Laboratories Tested
- Meets UL 2079, ASTM E 1399 cycling, hose stream

Wall to Wall	Openi & Mov		Horizontal Fire Rating
Model #	in	mm	hours
EJ-FLW-200	2.0	51	2
EJ-FLW-300	3.0	76	2
EJ-FLW-400	4.0	102	2
EJ-FLW-500	5.0	127	2
EJ-FLW-600	6.0	152	2
EJ-FLW-800	8.0	203	2

Wall to Wall	Opening (A) & Movement		Horizontal Fire Rating
Model #	in	mm	hours
EJ-FLW-1000	10.0	254	2
EJ-FLW-1200	12.0	305	2
EJ-FLW-1400	14.0	354	2
EJ-FLW-1600	16.0	406	2
EJ-FLW-1800	18.0	457	2
EJ-FLW-2000	20.0	508	2



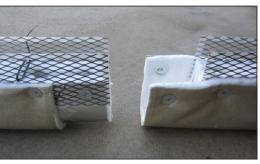


### FIRE BARRIER

#### SEISMIC • FLF

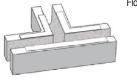
- Fire Rated 2, 3, & 4 hours
- · Transitions are Fire Rated
- · Listed by Warnock Hersey
- Meets ÚL-2079, ASTM E-1966, UL air leak
- Easy installation
- · Guardian Fire Testing Laboratories Tested
- Meets UL 2079, ASTM E 1399 cycling, hose stream



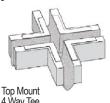


Floor to Floor	Opening (A) & Movement		Horizontal Fire Rating
Model #	in	mm	hours
EJ-FLW-200	2.0	51	2
EJ-FLW-300	3.0	76	2
EJ-FLW-400	4.0	102	2
EJ-FLW-500	5.0	127	2
EJ-FLW-600	6.0	152	2
EJ-FLW-800	8.0	203	2
EJ-FLW-1000	10.0	254	2
EJ-FLW-1200	12.0	305	2
EJ-FLW-1400	14.0	354	2
EJ-FLW-1600	16.0	406	2
EJ-FLW-1800	18.0	457	2
EJ-FLW-2000	20.0	508	2





Top Mount 3 Way Tee Floor - to - Floor



1 op Mount 4 Way Tee Floor - to - Floor

#### SEISMIC • FLFW

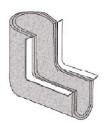
- Fire Rated 2, 3, & 4 hours
- Transitions are Fire Rated
- · Listed by Warnock Hersey
- Meets UL-2079, ASTM E-1966, UL air leak
- Easy installation
- · Guardian Fire Testing Laboratories Tested
- Meets UL 2079, ASTM E 1399 cycling, hose stream



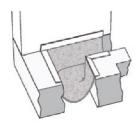


WARNOCK HERSEY





Top Mount Vertical Directional Change Floor - to - Floor



Top Mount Horizontal Directional Change Floor - to - Floor

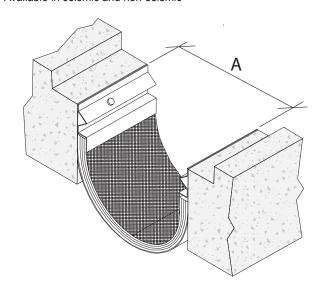
Floor to Wall	Openi & Mov		Horizontal Fire Rating
Model #	in	mm	hours
EJ-FLF-200w	2.0	51	2
EJ-FLF-300w	3.0	76	2
EJ-FLF-400w	4.0	102	2
EJ-FLF-500w	5.0	127	2
EJ-FLF-600w	6.0	152	2
EJ-FLF-800w	8.0	203	2
EJ-FLF-1000w	10.0	254	2
EJ-FLF-1200w	12.0	305	2
EJ-FLF-1400w	14.0	354	2
EJ-FLF-1600w	16.0	406	2
EJ-FLF-1800w	18.0	457	2
EJ-FLF-2000w	20.0	508	2



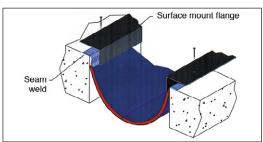
# FIRE BARRIER

#### SEISMIC • FBF

- Fire ratings up to 2 hoursMeets UL-2079 & ICBO AC30
- Cycle tested
- No caulking or sealants
- · Available in seismic and non-seismic



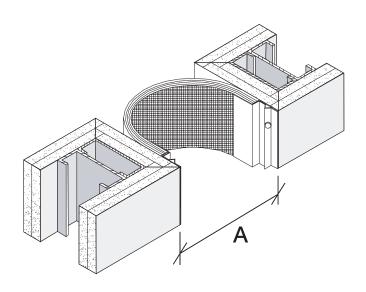




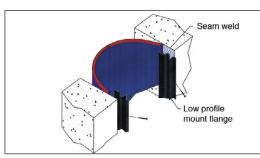
Floor to Floor	Opening (A) & Movement		Horizontal Fire Rating
Model #	in	mm	hours
FBF-100	1.0	25	2
FBF-200	2.0	51	2
FBF-300	3.0	76	2
FBF-400	4.0	102	2
FBF-500	5.0	127	2
FBF-600	6.0	152	2
FBF-800	8.0	203	2
FBF-1000	10.0	254	2
FBF-1200	12.0	305	2
FBF-1400	14.0	354	2
FBF-1600	16.0	406	2
FBF-1800	18.0	457	2
FBF-2000	20.0	508	2

#### SEISMIC • FBW

- Fire ratings up to 2 hoursMeets UL-2079 & ICBO AC30
- Cycle tested
- No caulking or sealants
- · Available in seismic and non-seismic







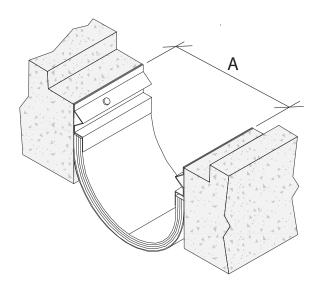
Wall to Wall	Opening (A) & Movement		Horizontal Fire Rating
Model #	in	mm	hours
FBW-100	1.0	25	2
FBW-200	2.0	51	2
FBW-300	3.0	76	2
FBW-400	4.0	102	2
FBW-500	5.0	127	2
FBW-600	6.0	152	2
FBW-800	8.0	203	2
FBW-1000	10.0	254	2
FBW-1200	12.0	305	2
FBW-1400	14.0	354	2
FBW-1600	16.0	406	2
FBW-1800	18.0	457	2
FBW-2000	20.0	508	2



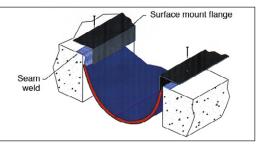
# FIRE BARRIER

#### Non-Seismic • LFBF

- Fire ratings up to 2 hoursMeets UL-2079 & ICBO AC30
- Cycle tested
- No caulking or sealantsNon-seismic applications



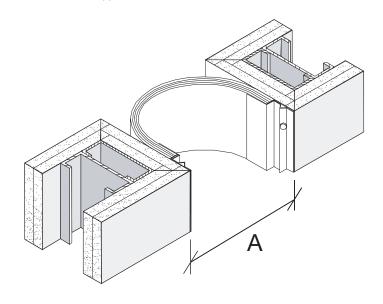




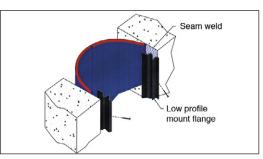
Floor to Floor	Opening (A) & Movement		Horizontal Fire Rating
Model #	in	mm	hours
LFBF-100	1.0	25	2
LFBF-200	2.0	51	2
LFBF-300	3.0	76	2
LFBF-400	4.0	102	2
LFBF-500	5.0	127	2
LFBF-600	6.0	152	2
LFBF-800	8.0	203	2
LFBF-1000	10.0	254	2
LFBF-1200	12.0	305	2
LFBF-1400	14.0	354	2
LFBF-1600	16.0	406	2
LFBF-1800	18.0	457	2
LFBF-2000	20.0	508	2

### Non-Seismic • LFBW

- Fire ratings up to 2 hoursMeets UL-2079 & ICBO AC30
- Cycle tested
- No caulking or sealants
- Non-seismic applications







Wall to Wall	Opening (A) & Movement		Horizontal Fire Rating
Model #	in	mm	hours
LFBW-100	1.0	25	2
LFBW-200	2.0	51	2
LFBW-300	3.0	76	2
LFBW-400	4.0	102	2
LFBW-500	5.0	127	2
LFBW-600	6.0	152	2
LFBW-800	8.0	203	2
LFBW-1000	10.0	254	2
LFBW-1200	12.0	305	2
LFBW-1400	14.0	354	2
LFBW-1600	16.0	406	2
LFBW-1800	18.0	457	2
LFBW-2000	20.0	508	2

# **EXPANSION JOINT SYSTEMS**





Access Doors



**Entrance Flooring** 



Roof Hatches



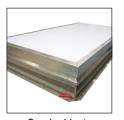
**Expansion Joints** 



Floor Doors



Wall Protection



Smoke Vents



Stair Treads



Louvers



Fire Safety



Right to site.

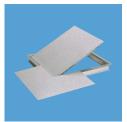
# Floor Doors



# Complementary Building Products

















Nystrom's floor, vault, and sidewalk doors provide reliable and safe access below ground and between building floors. With Nystrom Direct, we build our services around your specified needs.



### **Drainable**

- Interior & Exterior Applications
- Gutter Type Frame with Drain
- Aluminum & Steel
- Pedestrian & H20 Loads



## Non-Drainable

- Interior Applications
- Aluminum & Steel
- Pedestrian & H20 Loads



# **Existing Opening**

- Interior Applications
- Easy bolt-in place installation
- Aluminum & Steel



### Recessed

- Interior, High Visibility Areas
- Recessed 1/8" for Flooring Infill
- Pedestrian Load

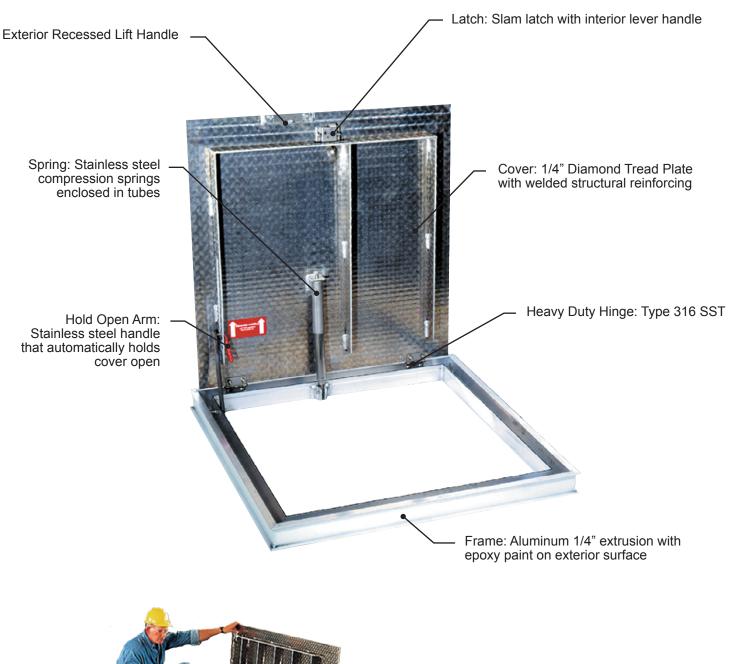


# Fire-Rated

- 2 hour & 3 hour Fire Rated to NFPA 288
- Warnock Hersey Tested & Labeled
- Pedestrian Load



# **Floor Door Components**





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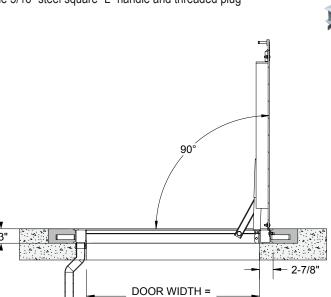
### FDDP: Drainable, Pedestrian

Drainable Floor Doors are intended for exterior or high moisture areas when liquid flow into the door is a concern. The frame is constructed with a gutter channel for water runoff to a drainage system.

#### **Specifications**

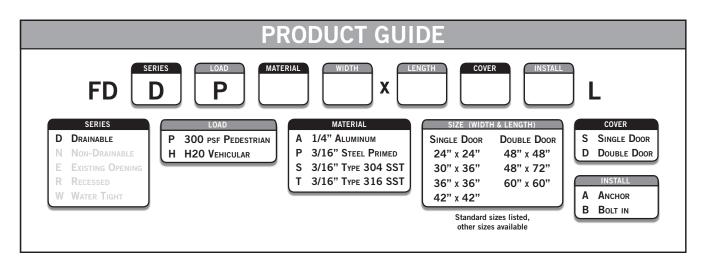
- · Load: Pedestrian 300psf live load
- Material:
  - Aluminum ¼", Mill finish with epoxy on exterior frame
  - Steel 3/16", Primed gray powder coat Type 304 SST

  - Type 316 SST
- · Cover: Diamond tread plate
- Frame: Formed gutter frame with a 1-1/2" drain coupling welded under frame for pipe connection for water runoff.
  - Anchor Straps, ¼" x 1" x 4" welded for concrete pour
    Bolt holes, 3/8" diameter for drop-in
- Spring: Coil Type 17-7 SST enclosed in Type 316 SST telescopic tubes
- Hinges: Heavy duty Type 316 SST
- Hold Open Arm: Type 316 SST automatic hold open arm locks cover in open position
- Latch: Slam latch Type 316 SST with inside lever handle, includes removable 5/16" steel square "L" handle and threaded plug



**OPENING WIDTH** 





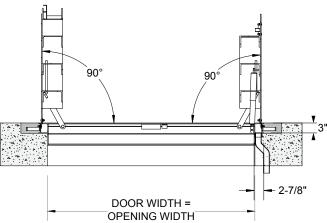


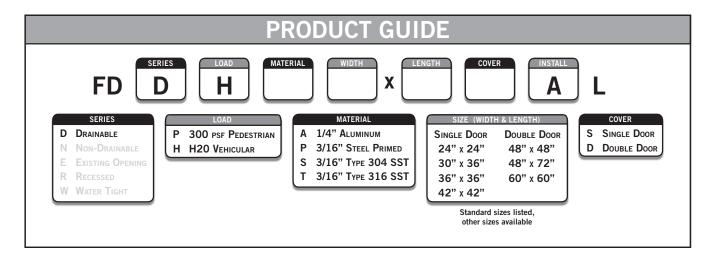
# FDDH: Drainable, H20

#### **Specifications**

- · Load: H20 wheel load for infrequent, off street traffic
- - Aluminum ¼", Mill finish with epoxy on exterior frame
  - Steel 3/16", Primed gray powder coat
  - Type 304 SST
  - Type 316 SST
- Cover: Diamond tread plate
- Frame: Formed gutter frame with a 1-1/2" drain coupling welded under frame for pipe connection for water runoff.
- Anchor Straps, ¼" x 1" x 4" welded for concrete pour Spring: Coil Type 17-7 SST enclosed in Type 316 SST telescopic tubes
- Hinges: Heavy duty Type 316 SST
  Hold Open Arm: Type 316 SST automatic hold open arm locks cover in open position
- Latch: Slam latch Type 316 SST with inside lever handle, includes removable 5/16" steel square "L" handle and threaded plug







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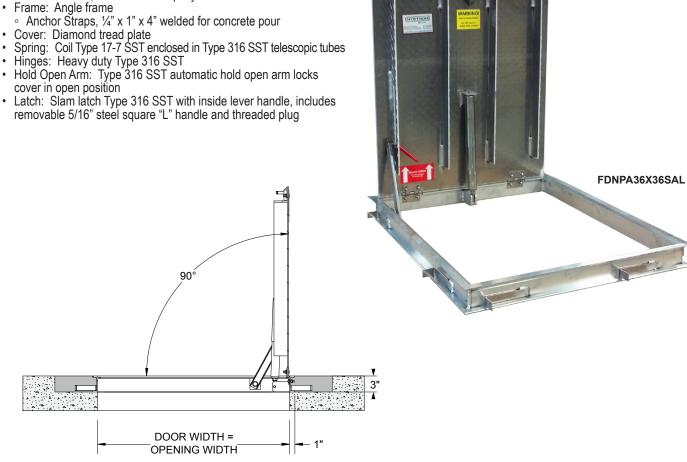
### **FDN: Non-Drainable**

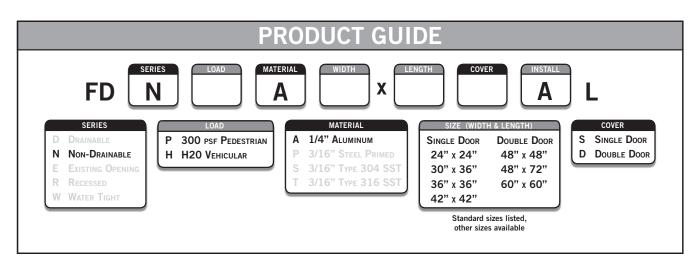
Nystrom non-drainable doors are economical and easy to install. These doors are primarily for interior use in new openings, when concrete will be pour-in-place.

#### **Specifications**

- Load:
  - Pedestrian 300psf live load
  - H20 wheel load, infrequent, off street
- Material:
  - Aluminum ¼", Mill finish with epoxy on exterior frame

- cover in open position
- Latch: Slam latch Type 316 SST with inside lever handle, includes







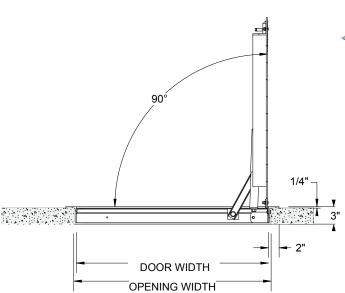
# **FDE: Existing Opening**

Nystrom existing opening floor doors are economical and easy to install. These doors are primarily for interior use for existing-opening, drop-in installations.

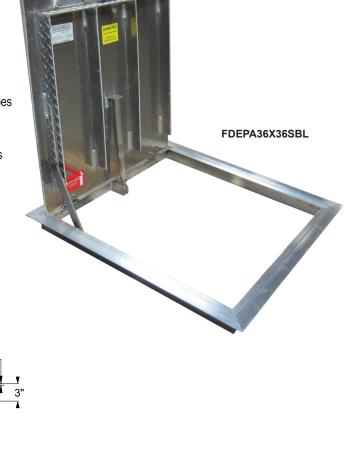
#### **Specifications**

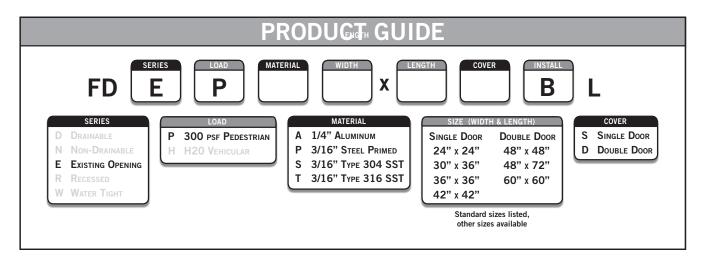
- Load:
  - Pedestrian 300psf live load
- Material:
  - Aluminum ¼", Mill finish with epoxy on exterior frame
  - Steel 3/16", Primed gray powder coat Type 304 SST

  - Type 316 SST
- · Frame: Angle frame
- Bolt holes, 3/8" diameter for drop-in
- Cover: Diamond tread plate
   Spring: Coil Type 17-7 SST enclosed in Type 316 SST telescopic tubes
   Hinges: Heavy duty Type 316 SST
- Hold Open Arm: Type 316 SST automatic hold open arm locks cover in open position
- Latch: Slam latch Type 316 SST with inside lever handle, includes removable 5/16" steel square "L" handle and threaded plug









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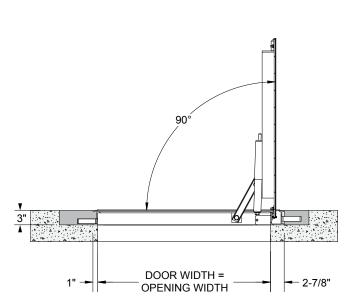


### **FDR: Recessed**

Nystrom recessed floor doors are perfect for high visibility interior areas where access through the floor is necessary in pedestrian areas. The recessed aluminum floor doors are intended for infill of 1/8" vinyl composition tile (VCT) or carpet.

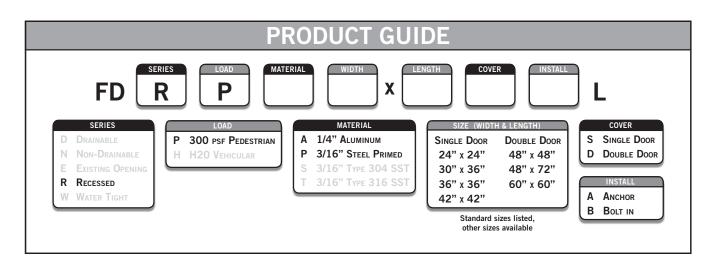
#### **Specifications**

- · Load: Pedestrian 300psf live load
- Material:
  - Aluminum ¼", Mill finish with epoxy on exterior frame
  - Steel 3/16", Primed gray powder coat
- Cover: Recessed for 1/8" flooring infill
- · Frame: Angle frame with formed channel frame hingeside only
- Anchor Straps, 1/4" x 1" x 4" welded for concrete pour
   Bolt holes, 3/8" diameter for drop-in existing openings
   Spring: Coil Type 17-7 SST enclosed in type 316 SST telescopic tubes
- Hinges: Heavy duty Type 316 SST
- Hold Open Arm: Type 316 SST automatic hold open arm locks cover in open position
- Latch: Slam latch Type 316 SST with inside lever handle, includes removable 5/16" steel square "L" handle and threaded plug











### F: Fire-Rated

Nystrom fire-rated floor doors are engineered to achieve 2 hour and 3 hour fire-rating as tested by Warnock Hersey to NFPA 288 test standards.

#### **Specifications**

- Load: Pedestrian 300psf live load
  Material: Aluminum ¼", Mill finish with epoxy on exterior frame
- Cover:
  - Diamond tread plate
  - Recessed for 1/8" flooring infill
- · Fire Rating:
  - 。 2 Hr
  - 。 3 Hr
- · Frame: Angle frame
- Anchor Straps, ¼" x 1" x 4" welded for concrete pour
  Bolt holes, 3/8" diameter for drop-in wood frame openings
  Spring: Type 316 SST gas spring
  Hinges: Heavy duty Type 316 SST

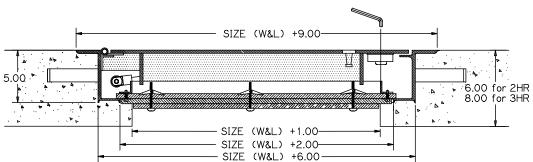
- Latch: Slam latch Type 316 SST with inside pull release cable, includes external removable 5/16" steel square "L" handle and threaded plug
- Optional:
  - Self closing mechanism automatically closes door at 165°F in event of fire

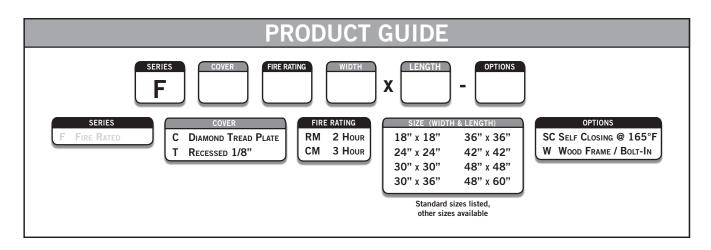


**NFPA 288** 









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## **Options**

#### **Material & Finish Options**



#### A Aluminum Type 6061-T6

Standard material which is highly resistant to corrosion.



#### C Clear Anodized Aluminum Type 6061-T6

Greater corrosion resistance with an attractive finished appearance.



#### **Prime Painted Steel**

Economical alternative to aluminum for interior applications. Prime coated with a rust inhibitive for finish painting.



#### S Stainless Steel #304

Used in applications where certain corrosive chemicals may affect aluminum and steel.



#### T Stainless Steel #316

Maximum level of corrosion resistance available. The non-skid tape provides a high traction surface.

#### **Additional Options**



#### -PH Padlock Hasp Through Door

Simple hasp through the door that allows the door to be locked by a padlock.



#### PR Recessed Padlock Hasp with Hinged Cover

In applications where security and traffic are important, this hasp is concealed under a lid that is flush with the door.



#### M Mortise Cam Lock

A high security option that allows the door to receive a mortise cylinder.



#### -D Detention Lock

Use where maximum security is required. Door is prepared to receive a detention dead bolt lock.



#### -SC Safety Chain

Provides a safety barrier for the floor door, using permanent upright posts and proof coil chains.

# **SG: Safety Grating Fall Protection**

Safety grating provides permanent means of fall protection under floor doors. It is available as a factory installed option with most floor door styles.

- · Load Rating: 300psf live load
- Material:
  - 1/4" Aluminum plate, orange powdercoat
  - Fiber Reinforced Plastic (FRP) yellow
- Hold open latch: Zinc plated steel
  - Optional padlock hasp



FDDPA48X48DAL-SGON



FDDPA36X36SAL-SGON



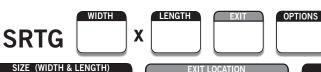
### **SR: Safety Railing**

Safety railings provide a permanent means of fall protection as required by OSHA 1910.23 and OSHA 1926.503.

- Material: 1 1/4" ID Schedule 40 galvanized steel pipe
- Fittings: Cast Aluminum alloy with set screw secure mounting
- Exit Type:
  - Chain: 3/16" Proof Coil, zinc plated steel
  - Self Closing Gate: 1 ¼" galvanized steel tube



**Meets OSHA Standard** CFR 29 1910.23



30" x 18" 36" x 36" 30" x 24" 48" x 48" 36" x 30"

Floor Door Size = Railing Size



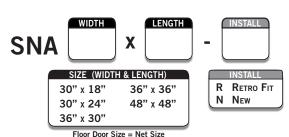




## **SN: Safety Netting**

The safety net system provides fall protection for floor doors when the hatch is open as required by OSHA 1926.502 (c) "Safety Net Systems".

- Rail Material: Extruded Aluminum 6061 T6
- Netting: Orange polyester with 5000 lb breaking strength
- Rings: Aluminum Alloy
- Installation Hardware
  - Retrofit / Non-Drainable have 3/8" expansion anchors for concrete
  - New / Drainable have 3/8" bolts and nuts





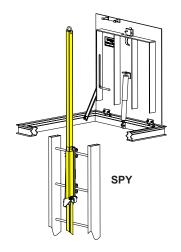
SNA36X36-R

# **SP: Safety Post**

Safety posts mount to the top two ladder rungs of fixed ladders for safe entry and exits through a floor door. Meets OSHA 1910.27 (d)3 for ladder extension requirements.

- Material: 1 ½" x 1 ½" square tubing
  - Steel, yellow powder coat
  - Steel, hot dip galvanizedAluminum, mill finish
- Type 304 SST, mill finish
- Mounting Clamps: Type 304 SST
  Hardware: 3/8"-16 Bolts Type 316 SST





11

# Floor Doors

















Right to site.

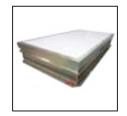
# ROOF HATCHES & SMOKE VENTS



# COMPLEMENTARY BUILDING PRODUCTS

















# PRODUCT FAMILY

PG 4-5

Personnel roof hatches accommodate fixed vertical ladder, ship stair, and service stair applications.



PG 6

SunLit roof hatches include a polycarbonate domed cover for natural daylighting benefits.



PG 7

Security roof hatches include heavier gauge materials with lock options and are ideal for high security applications like banks, correctional facilities, and water treatment plants.



PG 8

Equipment roof hatches provide the ideal solution to install or remove large equipment through the rooftop. Designs are sized to meet the clear, unobstructed opening requirements of large equipment such as tanks and pumps.



PG 9-10

- · Safety Railings
- Safety Posts
- Safety Nets



PG 11

- Energy Efficient Insulation
- Custom Finishes & Colors
- Curb Types
- Pitch Corrected Curbs
- Curb Insulation
- Curb Heights

#### **Powder Coat Color Finishes**

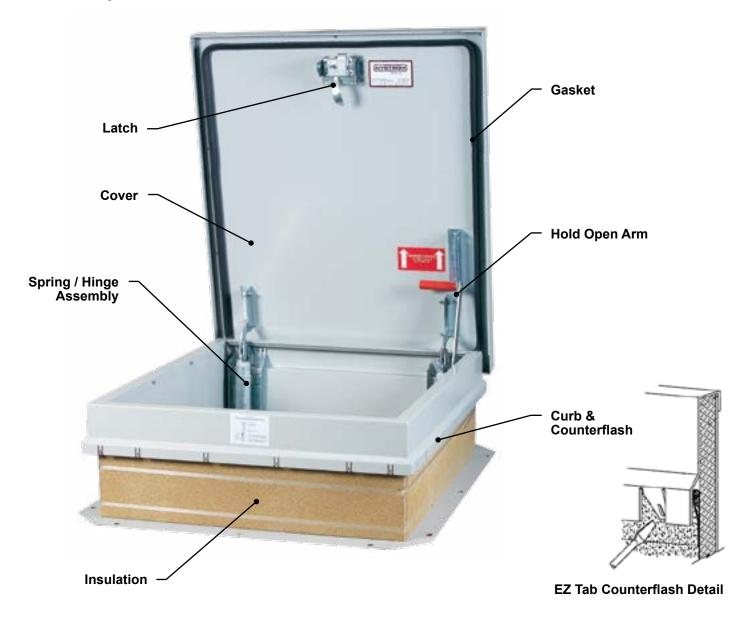






# PRODUCT FEATURES

Nystrom roof hatches provide safe convenient access to commercial building roof areas using interior ladders and stairs. For ultimate corrosion resistance and outstanding exterior durability, Nystrom provides powder coat finished roof hatches in a wide range of standard and custom colors.



#### FEATURES & BENEFITS

- · Corrosion resistant with powder coat finish
- · Weathertight with continuous EPDM seal
- · Energy efficient with fully insulated cover and curb
- Secure latching
- Lift assistance
- · Easy installation with EZ tab counterflash

#### COMMERCIAL APPLICATIONS

- · Schools, auditoriums
- · Manufacturers, factories, warehouses
- · Hospitals, hotels
- Office buildings, shopping malls
- Embassies
- Correctional facilities
- Water treatment facilities



### **Personnel**

#### **RHP: Specifications**

#### Material:

- Aluminum 11 gauge, mill finish
- · Steel 14 gauge galvanneal, gray powder coat
- Stainless steel Type 304 14 gauge, 2B finish

**Cover:** Formed metal cover with liner, stiffened to withstand a live load of 40psf

**Curb:** Single wall curb with EZ tab counterflash and mounting flange with 5/8" and 3/16" holes

**Insulation:** 1" polystyrene in cover, 1" fiberboard R-2 around curb **Gasket:** Extruded EPDM adhesive backed gasket seal continuous around cover.

**Spring / Hinge Assembly:** Zinc plated steel tamper-proof hinges contained within spring assembly, includes steel compression springs

**Hold open arm:** Zinc plated steel automatic hold open arm locks cover in open position

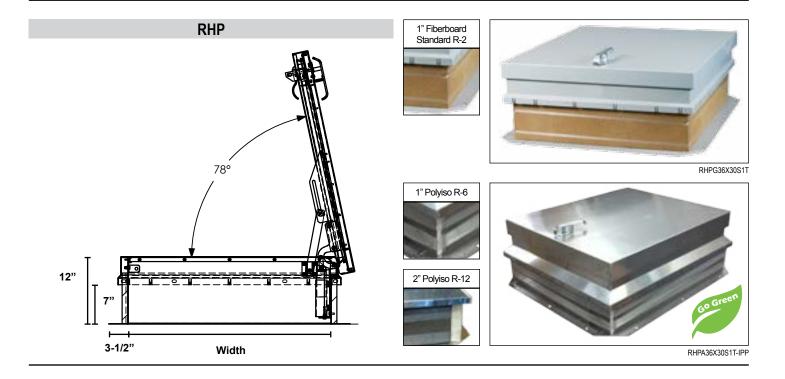
**Latch:** Zinc plated steel latch with exterior and interior turn handles

and padlock hasps

Sizes: Industry standard and custom sizes available



Nystrom Corporate Headquarters - Minneapolis, MN RHPG30X54S1T





SIZE (WIDTH & LENGTH)			
SHIP STAIR	SERVICE STAIR		
30" x 54"	30" x 96"		
36" x 54"	36" x 96"		
30" x 77"	48" x 120"		
	SHIP STAIR 30" x 54" 36" x 54"		





2 DOUBLE WALL
3 CURB MOUNT
4 DOUBLE WALL,
NO COUNTERFLASH

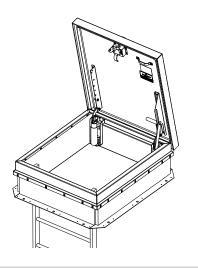
	OPTIONS
IPP	1" Polyiso Insulation
IRR	2" Polyiso Insulation
oss	STAINLESS STEEL HARDWAR

**RHP** 



# **Personnel**

RHP: LADDER Access

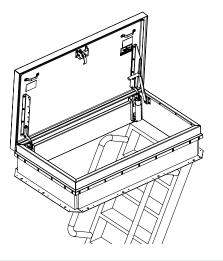






RHPG36X30S1T

RHP: SHIP STAIR ACCESS

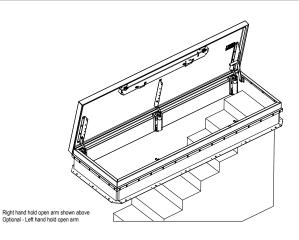






RHPG30X54S1T

RHP: Service Stair Access







RHPG30X96S1T



### SunLit™

#### **RHL: Specifications**

#### Material:

- Aluminum 11 gauge, mill finish
- · Steel 14 gauge galvanneal, gray powder coat finish

Cover: Formed aluminum metal cover with clear polycarbonate,

UV coated dome

Curb: Single wall curb with EZ tab counterflash and mounting flange

with 5/8" and 3/16" holes

Insulation: 1" fiberglass in cover, 1" fiberboard R-2 around curb Gasket: Extruded EPDM adhesive backed gasket seal continuous

around cover

Spring / Hinge Assembly: Zinc plated steel tamper-proof hinges contained within spring assembly, includes steel compression springs

**Hold open arm:** Zinc plated steel automatic hold open arm locks cover in open position

Latch: Zinc plated steel latch with exterior and interior turn handles

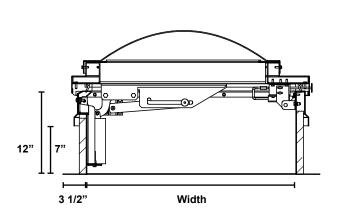
and padlock hasps

Sizes: Industry standard and custom sizes available



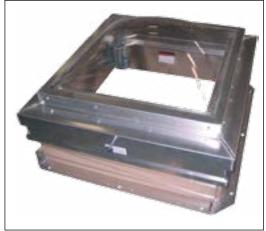
SunLit Service Stair Application











RHLA36X30S1P











MATERIAL ALUM CURB & COVER B GALVANNEALED CURB, ALUM COVER 36" x 30" 36" x 36" 30" x 54" 48" x 48"

SINGLE WALL 2 DOUBLE WALL

3 **CURB MOUNT** DOUBLE WALL, NO COUNTERELASH LPB POLYCARBONATE BRONZE LPW POLYCARBONATE WHITE



### SECURITY

#### **RHS: Specifications**

#### Material:

- · Aluminum 1/4", mill finish
- Steel 3/16", gray powder coat finish

Cover: Formed metal cover with liner, stiffened to withstand a live

Curb: Single wall curb with EZ tab counterflash and mounting flange

with 5/8" and 3/16" holes

**Insulation:** 1" polystyrene in cover, 1" fiberboard R-2 around curb Gasket: Extruded EPDM adhesive backed gasket seal continuous around cover

Spring / Hinge Assembly: Zinc plated steel tamper-proof hinges contained within spring assembly, includes steel compression springs

Hold open arm: Zinc plated steel automatic hold open arm locks cover in open position

**Latch:** Zinc plated steel latch with exterior and interior turn handles and padlock hasps

#### Lock options:

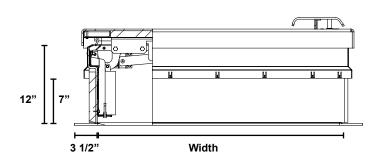
- · Detention (Brinks, Southern Folger)
- · Mortise (Schlage, Best, Yale, Sargent)

Sizes: Industry standard and custom sizes available



La Palma Correctional Center - Eloy, AZ

#### **RHS**











RHSG48X48S4T-D11

# **RHS**



48" x 48"









#### MATERIAL

- ALUM CURB & COVER
- GALVANNEALED CURB, ALUM COVER GALVANNEALED CURB & COVER

#### SIZE (W & L) CURB

- 36" x 30" 36" x 36" 30" x 54" SINGLE WALL
  - 2 DOUBLE WALL 3 **CURB MOUNT**
  - DOUBLE WALL, No Counterflash

- DETENTION, BRINKS 7016, INT/EXT, LOCK INSTALLED
- DETENTION, SOUTHERN STEEL 1010AM, INT/Ext, PREP D<sub>5</sub>A MB1
- MORTISE, BEST, INT/EXT, LOCK INSTALLED MB4 MORTISE, BEST, INT/EXT, LOCK INSTALLED WITH PLASTIC CORE
- MORTISE, SCHLAGE, INT/EXT, LOCK INSTALLED MS1
- OW1 VIEW PORT WINDOW 8"x8"



### **EQUIPMENT**

#### **RHE: Specifications**

#### Material:

- Aluminum 11 gauge, mill finish
- Steel 14 gauge galvanneal, gray powder coat
- Stainless steel Type 304 14 gauge, 2B finish

Cover: Formed metal cover with liner, stiffened to withstand a live load of 40psf. Fully opens 85-90° for maximum clear unobstructed opening Curb: Single wall curb with EZ tab counterflash and mounting flange with 5/8" and 3/16" holes

Insulation: 1" polystyrene in cover, 1" fiberboard R-2 around curb Gasket: Extruded EPDM adhesive backed gasket seal continuous

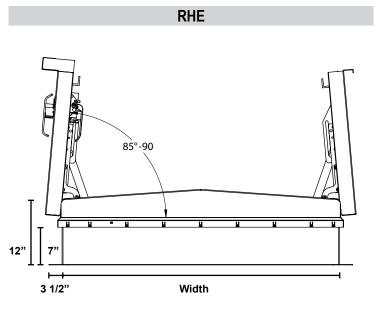
Spring / Hinge Assembly: Zinc plated steel tamper-proof hinges contained within spring assembly, includes steel compression springs Hold open arm: Zinc plated steel automatic hold open arm locks cover in open position

Latch: Zinc plated steel latch with exterior and interior turn handles and padlock hasps.

Sizes: Industry standard and custom sizes available



Equipment Installation Application













RHEA60X60D1T













2





#### MATERIAL

- ALUM CURB & COVER
- GALVANNEALED CURB, ALUM COVER GALVANNEALED CURB & COVER
- STAINLESS STEEL 304 CURB & COVER

#### 96" x 96" 120" x 120" 144" x 144" 48" x 48" 60" x 60" 72" x 72" 72" x 96"

#### DOOR SINGLE DOUBLE Ď

#### SINGLE WALL DOUBLE WALL

3 **CURB MOUNT** DOUBLE WALL, NO COUNTERELASH

#### OPTIONS 1" Polyiso Insulation

IRR 2" POLYISO INSULATION OSS STAINLESS STEEL HARDWARE



# SAFETY PRODUCTS

#### SRCG: SAFETY RAILINGS

**Description:** Ideal for new and retrofit applications. Mounts to existing roof hatch curb counterflash without penetrating membrane Material: Rails and posts, galvanized steel, 1-1/4" ID Schedule 40

pipe A53 Grade B

Fittings: Cast aluminum alloy with set screw hold

**Mounting Brackets:** 3/16" steel, zinc plated with nut backing plate

**Hardware:** Hex head bolts 3/8"-16 x 3/4" zinc plated steel **Exit:** Must be kept closed when roof hatch door is open

• Self closing gate: Galvanized steel 1-1/4" tubulal steel self closing with coil spring

• Chain: 3/16" zinc plated steel link chain with spring clip ends Certification: OSHA 29 CFR 1910.23 guarding floor and

wall openings and holes

Sizes: Industry standard and custom exact fit sizes available

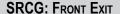


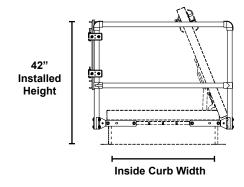
Standard CFR 29 1910.23





Nystrom Corporate Headquarters - Minneapolis, MN SRCG30X54SG





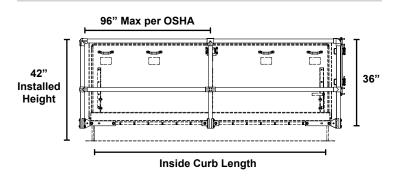






SRCY36X30FG

#### SRCG: SIDE EXIT

















MATERIAL & FINISH STEEL, YELLOW POWDER COAT G STEEL, GALVANIZED

30" x 54" 30" x 96" 36" x 30" 36" x 96" 36" x 36" 48" x 48"

FRONT EXIT SIDE EXIT, SINGLE DOOR С CHAIN SELF-CLOSING GATE



# SAFETY PRODUCTS

#### SP: SAFETY POST

**Material:** 1-½" x 1-½" x 1/8" high strength square tubing with a pull up loop provided at the upper end to facilitate raising of post

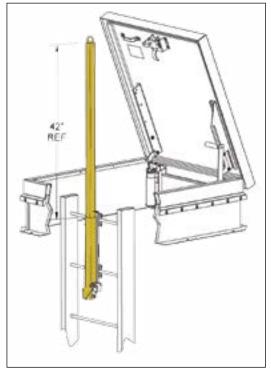
- Steel, yellow powder coat paint
- · Steel, hot dip galvanized
- Stainless steel Type 304, mill finish
- · Aluminum, mill

Balancing Spring: Stainless steel constant force spring provides

controlled operation

**Hardware:** Type 316 stainless steel mounting hardware attaches to top two rungs of fixed vertical ladder





SPY

#### SGB: SAFETY GRAB BAR

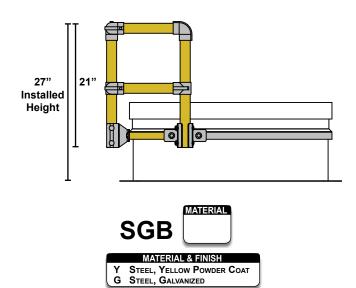
Material: Rails and posts, galvanized steel, 1-1/4" ID Schedule 40

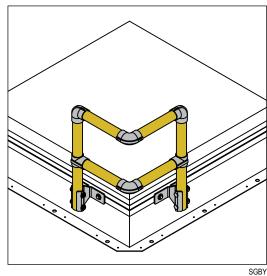
pipe A53 Grade B

Fittings: Cast aluminum alloy with set screw hold

Mounting Brackets: 3/16" steel, zinc plated with nut backing plate

Hardware: Hex head bolts 3/8"-16 x 3/4" zinc plated steel





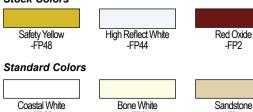
# ROOF HATCHES & SMOKE VENTS

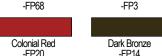
# ROOF HATCH & SMOKE VENT OPTIONS

ANSI 70 Gray

-FP1

#### Powder Coat Finish - Steel & Aluminum Stock Colors











#### **Curb Types**









Double Wall

Double Wall No Counterflash

#### **Pitch Corrected Curbs**



Single Wall Curb



Double wall curb

#### Kynar Finish - Aluminum



### **Curb & Cover Insulation**







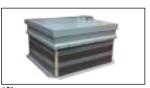
### **Curb Heights**



Standard 12" High Curb



-H24



18" -H18



45" High Curb -H45

#### Anodized Finish - Aluminum





Extra Dark Bronze



Medium Bronze -FA5 Copper Anodize -FA9



# PRODUCT FAMILY

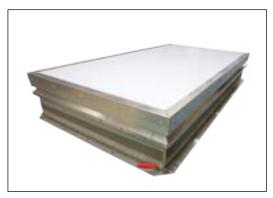
PG 14-15

SmokEscape™ smoke vents are available in steel or aluminum metal construction. These UL 793 listed smoke vents provide ultimate fire and life safety. Single, double, and quad door sizes are ideal to meet all smoke venting applications.



PG 16-17

SunLit™ smoke vents are rooftop venting systems with the added benefit of natural daylighting. These UL 793 listed vents are ideal for manufacturing factories, warehousing, and big box retail.



PG 18

Acoustic smoke vents are acoustically rated to STC 45 & OITC 37 and have UL 793 & FM 4430 labels with energy efficient R-13 insulation for optimal envelope performance.



PG 19

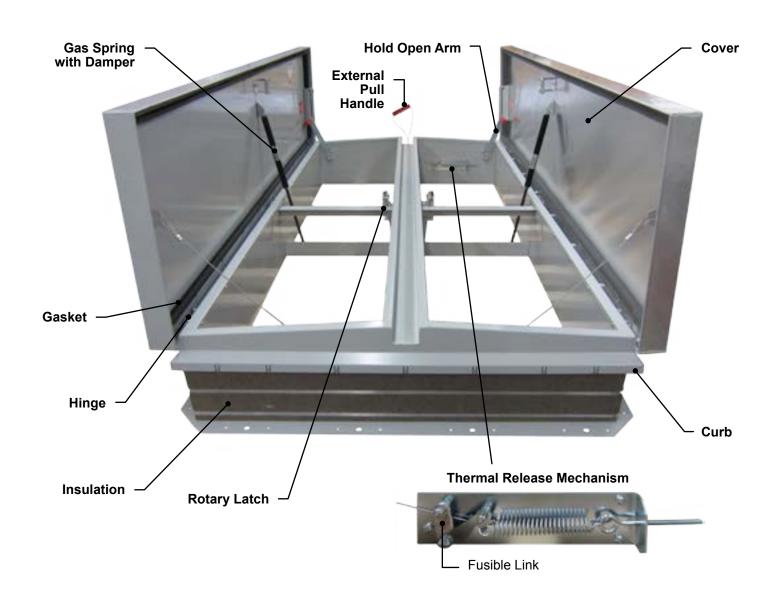
- Safety Railings
- Safety Bars & Burglar Bars
- Smoke Vent Opening & Closing Options





# **PRODUCT FEATURES**

Nystrom smoke vents are designed to open automatically providing emergency smoke, heat, and gas ventilation from a building. Smoke vents are part of a fire protection system within a building and are required by International Building Code® (IBC). Reference IBC 910 for factory and storage occupancies and IBC 410 for auditoriums and performing arts centers.



#### FEATURES & BENEFITS

- · Corrosion resistant with powder coat finish
- Weathertight with continuous EPDM seal
- · Energy efficient with fully insulated cover and curb
- Easy installation with EZ tab counterflash
- UL 793 Listed
- · Manual opening inside and outside of vent
- Automatic opening

#### COMMERCIAL APPLICATIONS

- Schools
- Auditoriums
- Performing arts centers
- Hotels
- · Manufacturing plants
- Factories

- Warehouses
- Big box retail
- High piled storage facilities
- Atriums
- Elevator shafts
- Hoistways



# SmokEscape<sup>™</sup>

#### **SVS: SPECIFICATIONS**

#### Material:

· Aluminum 11 gauge, mill finish

Steel 14 gauge galvanneal, gray powder coat

Cover: Formed metal cover with liner internally stiffened to withstand

a live load of 40psf

Curb: Single wall curb with EZ tab counterflash and 3-1/2" mounting

flange with 5/8" bolt holes

**Insulation:** 1" polyisocyanurate R-6 in cover and around curb Gasket: Extruded EPDM adhesive backed gasket seal, continuous around cover

**Hinge:** Heavy duty pintle hinge with stainless steel hinge pins

**Springs:** Gas spring with damper opens cover against 10psf snow

load in not less than 2 seconds

Hold open arm: Zinc plated steel automatic hold open arm locks

cover in open position

Latch: Zinc plated steel rotary latch designed to hold covers closed against 30psf wind uplift for single doors. Opens manually by external and internal pull cables. Opens automatically with a fusible link at standard temperature 165 °F

Certifications: UL 793 Listed

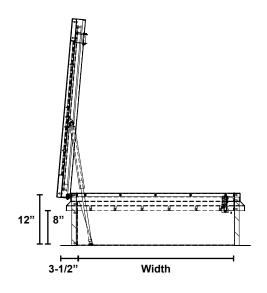
Sizes: Industry standard and custom sizes available





Hoistway Venting SVSG36X36S1L165R

#### SVS: SINGLE DOOR





Louvered Curb



SVS36X36S1N165R

















MATERIAL

ALUM CURB & COVER

GALVANNEALED CURB & ALUM COVER GALVANNEALED CURB & COVER

& LENGTH) 30" x 30" 48" x 48" 36" x 30" 48" x 72" 36" x 36" 48" x 96"

SINGLE DOOR D DOUBLE DOOR Q QUAD DOOR

SINGLE WALL DOUBLE WALL **CURB MOUNT** 

**ELECTRICAL** No ELECTRICAL 24VDC / 24VAC 110VAC / 240 VAC

165 350 360



# SmokEscape<sup>™</sup>

#### **SVS: SPECIFICATIONS**

#### Material:

- · Aluminum 11 gauge, mill finish
- Steel 14 gauge galvanneal, gray powder coat

**Cover:** Formed metal cover with liner internally stiffened to withstand a live load of 40psf

**Curb:** Single wall curb with EZ tab counterflash and 3-1/2" mounting flange with 5/8" bolt holes

**Insulation:** 1" polyisocyanurate R-6 in cover and around curb. **Gasket:** Extruded EPDM adhesive backed gasket seal, continuous around cover

**Hinge:** Heavy duty pintle hinge with stainless steel hinge pins **Springs:** Gas spring with damper opens cover against 10psf snow load in not less than 2 seconds

**Hold open arm:** Zinc plated steel automatic hold open arm locks cover in open position

**Latch:** Zinc plated steel rotary latch designed to hold covers closed against 90psf for double/quad doors. Opens manually by external and internal pull cables. Opens automatically with a fusible link at standard temperature 165 °F

Certifications: UL 793 Listed

Sizes: Industry standard and custom sizes available





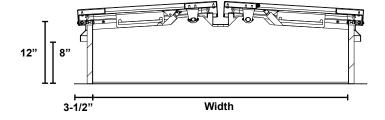
Curb Mounted Retrofit - Bloomington, MN SVSA60X96D3L165R

#### SVS: Double Door, Quad Door





SVSG48X96D1N165R



SVS

















MATERIAL
A ALUM CURB & COVER

GALVANNEALED CURB & ALUM COVER
GALVANNEALED CURB & COVER

48" x 48" 60" x 60" 48" x 72" 60" x 96" 48" x 72" 60" x 120" 72" x 72" 72" x 96"

S SINGLE DOOR
D DOUBLE DOOR
Q QUAD DOOR

1 SINGLE WALL
2 DOUBLE WALL
3 CURB MOUNT

N No ELECTRICAL
L 24VDC / 24VAC
H 110VAC / 240 VAC

TEMP °F 165 350 212 360 280 450



### SunLit™

#### **SVL: SPECIFICATIONS**

#### Material:

• Aluminum 11 gauge, mill finish

Steel 14 gauge galvanneal, gray powder coat

**Cover:** Extruded cover with 5/8" structural multiwall white polycarbonate. Cover stiffened to withstand a live load of 40psf **Curb:** Single wall curb with E7 tab counterflash and 3-1/2" mou

**Curb:** Single wall curb with EZ tab counterflash and 3-1/2" mounting flange with 5/8" bolt holes

**Insulation:** 1" polyisocyanurate R-6 in cover frame edge and around curb

Gasket: Extruded EPDM adhesive backed gasket seal, continuous around cover

Hinge: Heavy duty pintle hinge with stainless steel hinge pins

**Springs:** Gas spring with damper opens cover against 10psf snow load in not less than 2 seconds

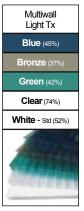
**Hold open arm:** Zinc plated steel automatic hold open arm locks cover in open position

**Latch:** Zinc plated steel rotary latch designed to hold covers closed against 30psf wind uplift for single doors. Opens manually by external and internal pull cables. Opens automatically with a fusible link at standard temperature 165 °F

Certifications: UL 793 Listed

Sizes: Industry standard and custom sizes available

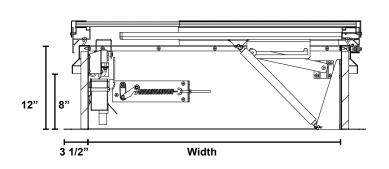






SVLA48X96S1N165R

#### SVL: SINGLE DOOR



























MATERIAL

ALUM CURB & COVER
GALVANNEALED CURB & ALUM COVER

S SINGLE DOOR
D DOUBLE DOOR
Q QUAD DOOR

1 SINGLE WALL
2 DOUBLE WALL
3 CURB MOUNT

N No ELECTRICAL
L 24VDC / 24VAC
H 110VAC / 240 VAC

TEMP °F 165 350 212 360 280 450

LPW DOME, POLYCARB WHITE LPC DOME, POLYCARB CLEAR LMC MULTIWALL, CLEAR

LMZ MULTIWALL, BRONZE LMB MULTIWALL, BLUE LMG MULTIWALL, GREEN



### SunLit™

#### **SVL: SPECIFICATIONS**

#### Material:

- Aluminum 11 gauge, mill finish
- Steel 14 gauge galvanneal, gray powder coat

**Cover:** Extruded cover with 5/8" structural multiwall white polycarbonate. Cover stiffened to withstand a live load of 40psf

Curb: Single wall curb with EZ tab counterflash and 3-1/2" mounting

flange with 5/8" bolt holes

**Insulation:** 1" polyisocyanurate R-6 in cover frame edge and

around curb

**Gasket:** Extruded EPDM adhesive backed gasket seal, continuous around cover

Hinge: Heavy duty pintle hinge with stainless steel hinge pins

**Springs:** Gas spring with damper opens cover against 10psf snow load in not less than 2 seconds

**Hold open arm:** Zinc plated steel automatic hold open arm locks cover in open position

**Latch:** Zinc plated steel rotary latch designed to hold covers closed against 90psf for double/quad doors. Opens manually by external and internal pull cables. Opens automatically with a fusible link at standard temperature 165 °F

Certifications: UL 793 Listed

Sizes: Industry standard and custom sizes available

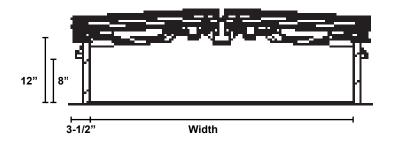






Nystrom Corporate Headquarters - Minneapolis, MN SVLA60X60D3N165R

#### SVL: Double Door, Quad Door







SVLB72X96D1N165R

















A ALUM CURB & COVER
B GALVANNEALED CURB & ALUM COVER

SIZE (WIDTH & LENGTH)
48" x 96" 72" x 96"
60" x 60" 60" x 120"
60" x 96" 66" x 144"

S SINGLE DOOR
D DOUBLE DOOR
Q QUAD DOOR

1 SINGLE WALL
2 DOUBLE WALL
3 CURB MOUNT

N No ELECTRICAL
L 24VDC / 24VAC
H 110VAC / 240 VAC

165 350 212 360 280 450

LPW DOME, POLYCARB WHITE LPC DOME, POLYCARB CLEAR LMC MULTIWALL, CLEAR LMZ MULTIWALL, BRONZE
LMB MULTIWALL, BLUE
LMG MULTIWALL, GREEN



### ACOUSTICAL

#### SVG X: SPECIFICATIONS

**Material:** Steel 14 gauge galvanneal with 12 gauge liners, gray powder coat finish

**Cover:** Formed metal cover with liner internally stiffened to withstand a live load of 40psf

Curb: 13" high double wall curb with mounting flange with 1/2" bolt

holes

**Insulation:** 3-1/2" R-13 fiberglass in cover and curb **Gasket:** Extruded EPDM gasket seals on curb and cover **Hinge / Springs:** High pressure gas springs designed to open vent covers automatically against 10psf snow load

**Shock absorber:** Steel, red powder paint, controls rate of opening **Hold open arm:** Zinc plated steel automatic hold open arm locks cover in open position

**Latch:** Dual zinc plated steel pyrolatches holds covers closed against 90psf wind uplift. Opens manually by external and internal pull cables. Opens automatically with a fusible link at standard temperature 165 °F **Performance:** STC-45 per ASTM E90, OITC 37 per ASTM E1332

**Certification:** UL793 Listed and FM4430 Approved **Sizes:** Industry standard and custom sizes available

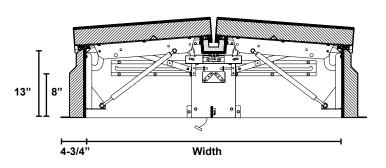






Hard Rock Hotel & Casino - Las Vegas, NV

#### SVG\_X







SVG4896DX45W















MATERIAL
G GALVANNEALED STEEL

SIZE (WIDTH & LENGTH)

48" x 48" 60" x 60"

48" x 96" 60" x 96"

72" x 72" 60" x 120"

72" x 96" 66" x 144"

DOOR
D DOUBLE DOOR
Y QUAD DOOR

P PYROLATCH (ELECTRICAL OPENING)
M 3 BUTTON OPERATED MOTOR\*
W MANUAL WINCH "MOTOR VODS ULIFM



### SAFETY PRODUCTS

#### SRVG: SAFETY RAILINGS

Material: Rails and posts, galvanized steel, 1-1/4" ID schedule 40

pipe A53 Grade B

Fittings: Cast aluminum alloy with set screw hold

Mounting Brackets: 3/16" steel, zinc plated with nut backing plate

NN

**Hardware:** Hex head bolts 3/8"-16 x 3/4" zinc plated steel **Certification:** OSHA 29 CFR 1910.23 guarding floor and

wall openings and holes





SRVG48X96NN

# SRVG X

### SMOKE VENT OPTIONS

#### **BURGLAR BARS**

Burglar bars for security and safety, prevent unauthorized entry

- 1/2", or 3/4" diameter steel rod
- 6" x 6", 6" x 12" spacing

# Bars 6" x 12"





Burglar Bars 1/2" diameter, 6" x 6" spacing

### FALL PROTECTION SCREEN

Fall protection screen

- 3/16" diameter steel rod
- 4" x 4" spacing

#### **OPENING OPTIONS**

**Temperature:** Fusible link temperatures for sprinkler coordination 165 °F, 212 °F, 280 °F, 350 °F, 360 °F, 370 °F, 386 °F, 450 °F

**Manual:** Manual pull release on the exterior and interior of vent

**Electrical:** Electrical release to tie into a fire alarm or smoke detector; 24VDC, 110VAC / 220VAC

#### **CLOSING OPTIONS**

**Manual:** Manually close from the exterior of the vent at rooftop level

**Manual Winch:** Close vent doors from remote floor location- rigging is required

**Motor:** 3 button operated motor provides (Open, Close, Stop) capability using 110VAC, 1/2 HP motor. Voids UL/FM



Manual Winch



3-Button Controller

19

# ROOF HATCHES & SMOKE VENTS

January 2013





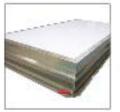
Access Doors



Roof Hatches



Floor Doors



Smoke Vents



Louvers



Entrance Flooring



Expansion Joints



Wall Protection



Stair Treads



Fire Safety



# Wall & Door Protection



# COMPLEMENTARY BUILDING PRODUCTS















# Table of Contents



Wood EnvironWOOD ™ Handrail Systems
Metal Crash Rail Systems
VinylHandrail Systems7Crash Rail and Bumper Guard Systems8Corner Guards9
PerpetuWall® Sheet Wall Protection
Color Selection Guide

# EnvironWOOD™ Handrail Systems



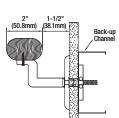
#### Handrails

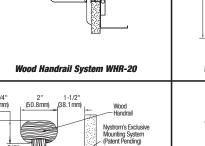
Our EnvironWOOD handrails, chair rails and crash rails provide warmth and richness of fine hardwoods to institutional or commercial interiors.

Hardwoods are a renewable resource, Nystrom uses wood certified by the Forest Stewardship Council (FSC).

The bumper guard on our handrail is engineered to focus impact on the strongest point of the rail. The bumper acts as a cushion to minimize damage from heavy impact and protects the rail from gouges and scuffs. Our all-wood model provides ADA handrail compliance for lower-abuse applications.

#### **Selected Details**

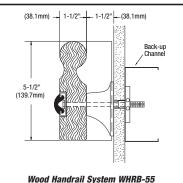




1-1/4" 2" 1-1/2" Wood

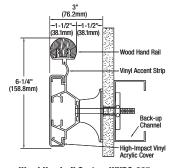
| Sa.1mm | Solemn | Sa.1mm | Wood
| Handrail | Nystrom's Exclusive | Mounting System | Mounting System | Patent Pending |
| 19.1mm | Solemn | Sa.1/2" | Sa.3/4" | Sa.4/4" | Bumperettes |
| 19.1mm | Sa.1/2" | Back-up | Channel | Channe

Wood Handrail System WHROBT-55



2" 1-1/2" (50.8mm) 3.1mm)
Back-up Channel 3/4" (19.1mm) 3/4" (19.1mm) 3.1/2" (88.9mm)

**Wood Handrail System WHR0-55** 



**Wood Handrail System WHRC-625** 

Aluminum bumper retainer is available in matte black or bronze, brite-dip gold or clear anodized finishes.



# EnvironWOOD™ Chair and Crash Rail Systems





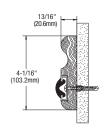




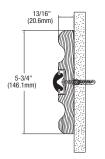
Due to limitations of the printing process, the colors to the left may not be accurate. As with all natural products, colors will vary. Also, products will be furnished in random lengths between six and fourteen feet (two and three meters). Actual color samples are available.

### Chair and Crash Rails

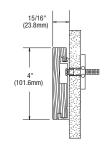
#### Selected Details



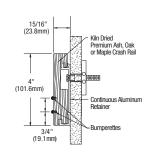
Wood Chair Rail WCRB-4



Wood Crash Rail WCRB-6



Wood Crash Rail WCRS-4



Wood Crash Rail WCRSBT-4

### **Wood Finishes**

All styles of EnvironWOOD products are available in oak, ash and maple finishes. Custom stain colors are also available.



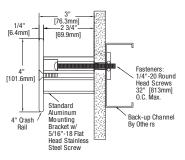
# Metal Crash Rail Systems



Whether you are seeking a high-tech look or industrial strength, stainless steel and aluminum crash rails will give you what you need. Extended-mount systems are available in type #304 satin finish stainless steel. Aluminum crash rails are clear anodized.

Surface mount stainless steel crash rails are available in most embossed finishes.

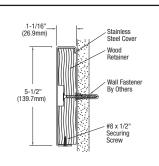
#### **Selected Details**



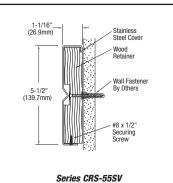
Fasteners: 1/4"-20 Round Head Screws 32" [813mm] 0.C. Max. [101.6mm Optional Aluminum I-beam Mounting Bracket w/ 1/4"-20 Flat Head Stainless Steel Screw With Lock Nut 4" Crash Rail up Channel

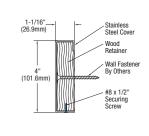
Series CRE-4A and CRE-4SS

Series CRE-4AC and CRE-4SSC



Series CRS-55SS





Series CRS-4SS



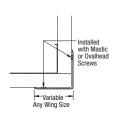


# Metal Crash Rail Systems

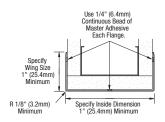


Stainless steel corner guards in satin or one of 11 embossed finishes can be a dramatic accent for better interiors, industrial areas and clean rooms. Custom angles, wing sizes and heights make it easy to tailor these premium corner guards to your design. Custom single-piece end walls and surface mounted end walls are also available. Corner guards are mounted with mastic or oval head screws.

#### **Selected Details**



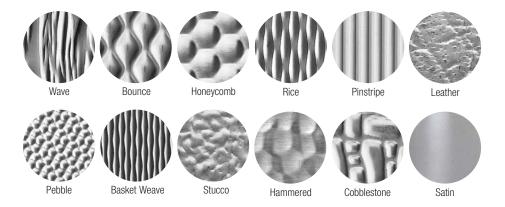
Series CGSS-304, CGSS-430 (Specify Angle)



Series CGSS-304EW, CGSS-430EW

# Metal Corner Guard Stainless Steel Patterns

Standard finish corner guards are #4 satin in 16-gauge thickness in either type #430 or #304 stainless steel. Embossed stainless steel is available in type #304 stainless. Thickness varies depending on the pattern. Light patterns require a lighter gauge of stainless steel than heavy patterns.

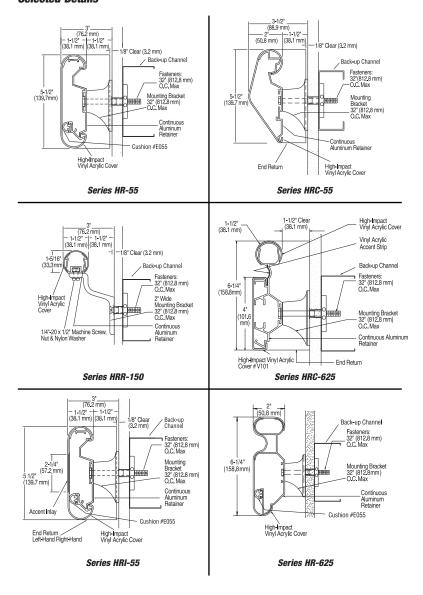


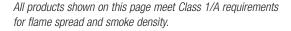
# Handrail Systems



Nystrom's handrail systems meet or exceed all major building codes as well as ADA requirements for handrails.

#### **Selected Details**









# Crash Rail and Bumper Guard Systems



Bumper guards provide maximum shock absorption. Crash rails have three mounting options.

The drawings show an example of each mounting option. The selection details chart lists size options and model numbers.

#### **Selected Details**



Vinyl Acrylic Crash Rail Selection Details

Mounting Option	4" Profile	6" Profile	8" Profile
Bumper	CRB-4 5/16" bumper	CRB-6	N/A
Surface	CRS-4 1/8" bumper	CRS-6	CRS-8
Extended	CRE-4	N/A	CRE-8
Aluminum	CRC-4 no bumper All 4" have continuous aluminum retainers	CRC-6	CRC-8 CRE-8

1-1/8" (28.6mm) 13/16" Back-Up Cha nnels \_\_\_1/8" (3.2mm) (20.6mm) Back-Up Cha nnel Fasteners: 16" (406.4mm) O.C. Max Fasteners: 16" (406.4mm) O.C. Max. Wide Aluminum Retai ner Clip 16" (406.4mm) 0.C. Max. Bumper Cushion 16" (406.4mm) 0.C. Max. (101.6mm) (152.4mm) Continuous Aluminum Retai ner - High-Impact Vi nyl Acrylic Cove r Continuous Cushion High-Impact Vi nyl Acrylic Cove r Series CRS-6 CRS-4 (1/8" bumper) 1-1/2" (38.1 mm) 1/8" Clear (3.2 mm) Fasteners: 32"(812.8 mm) 0.C. Max 5/16" (7.9mm) Mounting Bracket 32" (812.8 mm) 0.C. Max Staggered Top & Bottom 1-1/16" (26.9mm) Fasteners: 32" (812.8mm) O.C. Max (203.2 mm) Bumper Cushion 32" (812.8mm) 0.C. Max. 2-11/16" (68.3mm) Continuous Aluminum Retainer Continuous Aluminum Retainer High-Impact Vi nyl Acrylic Cove r High-Impact Vinyl Acrylic Cover Back-Up Channels Series CRE-8 Series BG-3 1-1/16" (26.9 mm) \_\_\_ 5-1/2" \_ (139.7 mm) \_\_\_ 1/2" Back-Up (12.7 mm) Channel Fasteners: 32"(812.8 mm) 0.C. Max 4-3/8" (111.1 mm) 1-1/4" (31.8 mm) Continuous Bumper Cusion 32"(812.8 mm) 0.C. Max Valuable Mounting Height High-Impact Vinyl Continuous Aluminum Retai ner High-Impact Vi nyl Acrylic Cove r Acrylic End Back-up Channel Series BG-125 Series BLG-4 Bed Locator

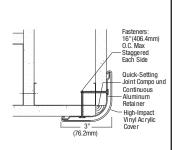
All products shown on this page meet Class 1/A requirements for flame spread and smoke density.

# Corner Guard Systems

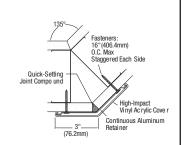


Flush mount corner guards are installed in floor-to-ceiling applications. Custom high surface mounted corner guards are easy to install on virtually any corner to add to new designs or improve the longevity of walls in existing buildings.

#### **Selected Details**



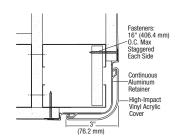
Series CGS-3R (3") (shown), CGS-2R (2")



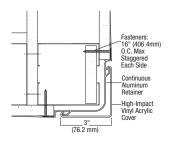
Series CGS-135



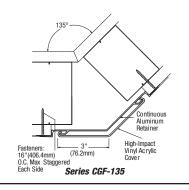
Series CGS-135

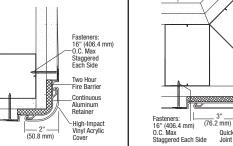


Series CGF-3R (3") (shown), CGF-2R (2")

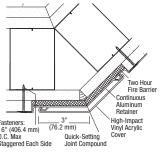


Series CGF-3S (3") (shown), CGF-2S (2")

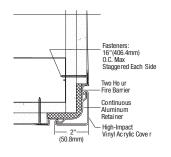




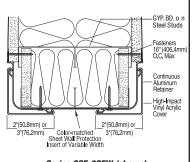
Series CGR-3R (3"), CGR-2R (2") (shown)



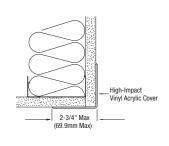
Series CGR-135



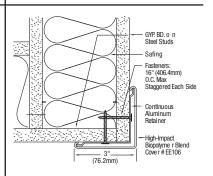
Series CGR-3S (3"), CGR-2S (2") (shown)



Series CGF-2SEW (shown) Series CGF-3SEW



Formed Vinyl Corner Guard CG-V



Series CGS-3S (3") (shown), CGS-2S (2")



All products shown on this page meet Class 1/A requirements for flame spread and smoke density.



# **Sheet Wall Protection**



#### **Thickness Selection Details**

Level of Abuse	Thickness
Medium Wheelchairs and Carts in Lobbies,	.028" (0.7 mm) .040" (1.0 mm)
Elevator Areas and Corridors	Apply to smooth surface
Heavy Portable Diagnostic Equipment and Gurneys in Elevator Areas and Corridors	.060" (1.5 mm) .080" (2.0 mm)
Very Heavy Hand Trucks and Carts in Service Corridors	.093" (2.4 mm) .125" (3.2 mm)

high-abuse environments of institutional and commercial buildings. Available in six different thicknesses and a variety of colors that match or complement our wall and corner guards, perpetuWall provides design flexibility and maximum protection.

PerpetuWall sheet wall protection maintains the integrity of walls in the

#### **Abuse Resistance**

We make perpetuWall from high-impact, stain-resistant vinyl acrylic. Pen marks, paint and graffiti generally wash off easily with mild soap and water. PerpetuWall can also withstand commercial cleaners without fading or staining. Antimicrobial additives retard mildew and bacteria growth to help keep sanitary environments clean and maintenance costs low.

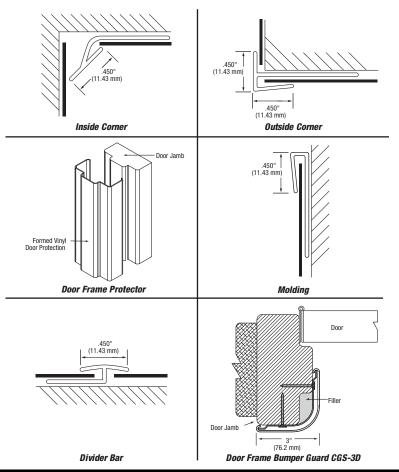
#### **Color Matched Seam Treatment**

Nystrom's matching seam caulk can be used as an alternative to or in conjunction with moldings. Our seam caulk is a waterproof seam treatment that allows for normal thermal expansion. It is easy to apply and comes in all of our perpetuWall colors.

#### **Accessories**

To ensure easy and uniform installation, Nystrom offers a full line of smooth surface trim molding accessories. Nystrom also carries door frame, doorknob and door edge protectors, as well as custom-sized kickplates.





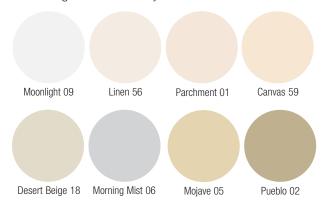
# Color Selection Guide



This selection chart is for use as a general guide only. Due to printing limitations, the colors shown may not be representative of the actual colors. Please contact us for color selection chips or corresponding Munsell®\* color numbers.

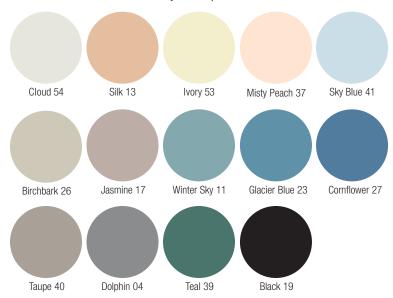
# Quick Ship Colors

Quick Ship colors offer the shortest standard lead time and greatest availability.

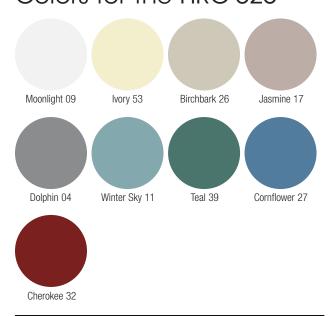


# **Standard Colors**

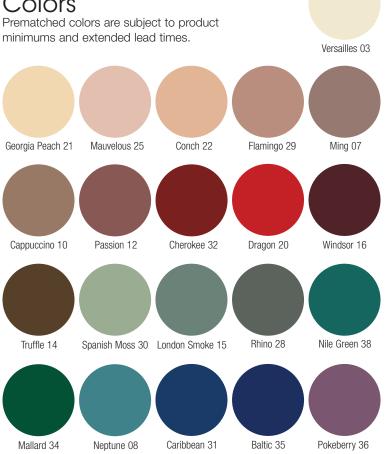
Standard colors are not subject to product minimums.



# Standard Accent Strip Colors for the HRC-625



# Prematched



# Custom Colors

Custom colors are also available. Product minimums and extended lead times apply.

\*Munsell is a registered trademark of GretagMacbeth.

# Wall & Door Protection





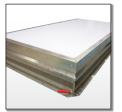
Access Doors



Roof Hatches



Floor Doors



Smoke Vents



Louvers



**Entrance Flooring** 



**Expansion Joints** 



Wall Protection



Stair Treads



Fire Safety

