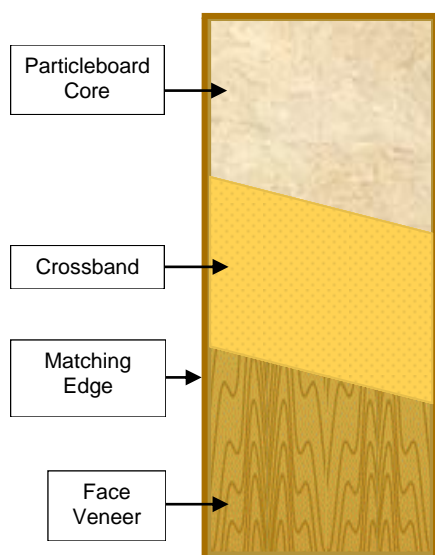


Particleboard Core



- Non Rated
- Fire Rated 20 Minute

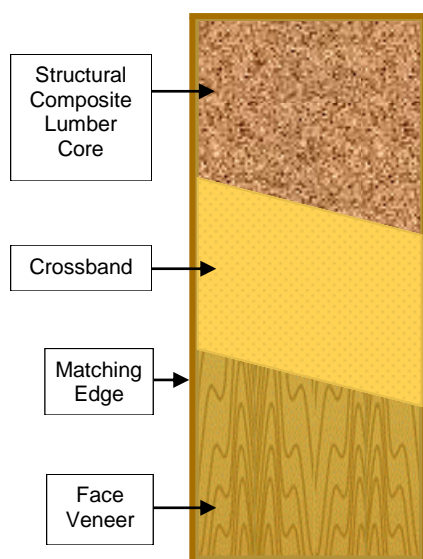
STREK•O

A great name in doors since 1940

Product Features

Construction:	Bonded 5 Ply Hot Press		
Core:	Bonded Particleboard Core (conforming to ANSI A 208.1 1 LD-2)		
Door Thickness:	Non-rated	1 3/4", 1 3/8", 2 1/4" (other options avail.)	
	20 Minute	1 3/4", 1 3/8" (Max 3/0 x 7/0), 2 1/4"	
Maximum Size:	Single (non-rated)	5/0 x 12/0	
	Pair (non-rated)	10/0 x 12/0	
		<u>Neutral Pressure</u>	<u>Positive Pressure</u>
	Single (20 minute)	5/0 x 10/0	5/0 x 10/0
	Pair (20 minute)	10/0 x 10/0	10/0 x 9/0
	Double Egress Pair (20 minute)	8/0 x 8/0	8/0 x 9/0
Stiles:	1 3/8" prior to factory trimming; glued to the core (other options available)		
Top & Bottom Rails:	1 1/2" Mill Option (Wider rails available)		
Faces:	All Veneer Species, Medium Density Overlay (MDO)		
Veneer Matching:	Available in Pairs, Sets, & Transoms (special matching available)		
Crossbands:	High Density Fiberboard (HDF)		
Adhesives:	Type 1 (Waterproof)		
Max Lite Openings:	<u>Non-rated:</u> Total sq. in. not to exceed 1296. Lite opening dimensions not to exceed 38" in width and 54" in length. <u>20 Minute:</u> (Requires approved glass) Total sq. in. not to exceed 1296. Lite opening dimensions not to exceed 36" in width and 54" in length. (1 3/8" thick not to exceed 100 total sq in.)		
Machining/Finishing:	Prefit, Bevel, & complete Factory Machining and Factory UV Finishing available		
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>		
Specifications:	Meets WDMA & AWI quality standards (Contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled Content/MR5-Regional Materials/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehyde Resins)		

Structural Composite Lumber Core



- Non Rated
- Fire Rated 20 Minute

STREK•O

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Product Features

Construction:	Bonded 5 Ply Hot Press		
Core:	Structural Composite Lumber Core		
Door Thickness:	Non-rated	1 3/4", 1 3/8", 2 1/4" (other options avail.)	
	20 Minute	1 3/4", 2 1/4"	
Maximum Size:	Single (non-rated)	5/0 x 12/0	
	Pair (non-rated)	10/0 x 12/0	
		<u>Neutral Pressure</u>	<u>Positive Pressure</u>
	Single (20 minute)	5/0 x 10/0	5/0 x 10/0
	Pair (20 minute)	10/0 x 10/0	10/0 x 9/0
	Double Egress Pair (20 minute)	8/0 x 8/0	8/0 x 9/0
Stiles:	7/8" prior to factory trimming; glued to the core (other options available)		
Top & Bottom Rails:	Structural Composite Lumber (SCL)		
Faces:	All Veneer Species, Medium Density Overlay (MDO), Plastic Laminate		
Veneer Matching:	Available in Pairs, Sets, & Transoms (special matching available)		
Crossbands:	High Density Fiberboard (HDF)		
Adhesives:	Type 1 (Waterproof)		
Max Lite Openings:	<u>Non-rated:</u> 5" Top Rail, 5" Stiles, & 8" Bottom Rail <u>20 Minute:</u> (Requires approved glass) Total sq. in. not to exceed 2864. Lite opening dimensions not to exceed 36" in width and 81" in length.		
Machining/Finishing:	Prefit, Bevel, & complete Factory Machining and Factory UV Finishing available		
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>		
Specifications:	Meets WDMA & AWI quality standards (Contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled Content/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehyde Resins)		

SafeCore®

A New Concept in Fire Door Technology!



PO Box 9
518 Birch Street
Abbotsford, WI 54405
Phone: 715-223-2376
Fax: 715-223-2377
e-mail: sales@strekodoors.com
www.strekodoors.com
www.skamol.com

SafeCore®

Positive and Neutral Pressure Banded Fire Door Core

Key Features:

- Lightweight
- Patented Technology
- Excellent Insulating Properties
- Strong and Durable Construction
- Concealed Intumescent for Category A Positive Pressure applications

Key Benefits:

- Light weight for easy handling and installation
- Excellent screw holding strength
- Very Low temperature rise*
- Pre-sanded - ready to apply crossband and veneer or door skin

Currently in Production and Available:

- 45, 60, 90 Minute Ratings*
- Neutral and Positive Pressure**
- Warnock Hersey Certification Label – Intertek Testing Services
- Wood edge available in a variety of wood species
- Singles up to 4-0 x 8-0 and Pairs up to 8-0 x 8-0

* “Positive Pressure” conforms to UL 10(c) and UBC 7-2 (1997) Part A: “Methods of Fire Tests of Door Assemblies”: (Positive furnace pressure).

** “Negative Pressure” conforms to UL 10(b) CAN/ULC S104, NFPA 252, ASTM E 152, CSFM 43-7, and UBC 7-2 (1994) “Methods of Fire Tests of Door Assemblies”: (Conventional or neutral furnace pressure).

Temperature Rise:

- Maximum 250° F at 30 minutes – NFPA 80
- Maximum 250° C at 60 minutes – National Building Code of Canada

SafeCore®

A New Concept in Fire Door Technology!



Fire Safe Products Division introduces **SafeCore®** - A New Concept in Fire Door Technology:

Lightweight

After several years of development, testing and refinement, a new concept in fire door core technology has emerged. **SafeCore®** is a proprietary pre-banded mineral core that is much lighter in weight by comparison. The core material, SKAMOTEC™ 300, at only 18.7 pcf density (300 kg/m³), is up to 60% lighter than other core materials.

Insulating:

In Temperature Rise Tests*, **SafeCore®** remains well below the maximum allowed temperature limit on the non-fire side of the door. This is because of the superior insulating properties of the SKAMOTEC™ 300 core material.

Built-in Technology:

SafeCore® is a proprietary core with patented design (U.S. Patent No. 6,434,899). The result is in strength, durability and excellent screw holding capability. Because it is lighter than most cores, stress is relieved on the door's hardware components. The installer will appreciate the **SafeCore®** Door's light weight and no added intumescent required at the job site (positive pressure category A applications). **SafeCore®** is also available for neutral pressure applications and category B positive pressure applications.

Flexibility:

SafeCore® is made to order with a wide choice of wood stile species and internal blocking options. Inner stiles and rails are of a high-density mineral composite. Stiles are trimmed with 9/16" (15mm) wood allowing them to be trimmed and beveled as required. **SafeCore®** banded core come pre-sanded and ready for the addition of crossband and veneer, or pre-manufactured door skin. **SafeCore®** is available with minimal lead-time required for "just-in-time" delivery.

SafeCore® With Built-in Technology:

Maximum Sizes and Ratings**:

Door Type	45 Minute Rating	60 Minute Rating	90 Minute Rating
Single Swing	4'0" x 8'0"	4'0" x 8'0"	4'0" x 8'0"
Pairs – Standard	8'0" x 8'0"	8'0" x 8'0"	8'0" x 8'0"
Door w/Transom	4'0" x 8'0"	4'0" x 8'0"	4'0" x 8'0"
Pairs – Double Egress	N/A	N/A	N/A

SafeCore®

A New Concept in Fire Door Technology!



Hardware Approvals:

Hardware Type	Rating	Stiles	Internal Blocking
Single Point Latch	All	Standard	Optional
Mortise Lock/Latch	All	Standard	Optional
Mortise Panic	All	Standard	Optional
Flushbolts: Manual/Auto	45-60	Standard	Top, Bottom
Flushbolts: Manual/Auto	90	5"	Top, Bottom
Surface Panic	All	Standard	Top, Middle, Bottom
Surface Mount Closer	All	Standard	Optional
Concealed Door Closer	45-60	Standard	Top Rail – 5"
Mortise Door Bottom	45-60	Standard	N/A
Concealed Vertical Rods	All	5"	N/A

Standard Blocking:

Blocking Location/Dimension
5" Top or Bottom Rail
7" Top or Bottom Rail
5" Mid Rail
10" Mid Rail
5" Stile
5" x 10" Lock Block
5" x 18" Lock Block

If other blocking is needed, please contact us for availability.

Stile Species:

Natural Maple
White Maple
Red Oak
White Oak
Cherry
Mahogany
Walnut



If other species of stiles are needed, please contact us for availability.

Product development is ongoing; please contact us for core availability and a complete listing of hardware options, adhesives, plant-ons and lites. On-going product development and testing will assure added options in the future and compliance with current industry standards.

SafeCore®

A New Concept in Fire Door Technology!



*General Information:

Machining specifications are available to authorized door manufacturers and door machiners to produce and/or machine fire doors under Intertek Testing Services NA Ltd./Warnock Hersey certification and labeling service. To obtain authorization to use these specifications and to access our portal on ITS SpecDirect, or for technical assistance, please contact Fire Safe Products at www.strekodoors.com or by phone at 715-223-2376.

Company & Contact Information:

Fire Safe Products is dedicated solely to the production and supply of quality banded mineral cores **SafeCore®** and core components to the wood and metal door industries. Door manufacturers are our only customers. We look forward to serving you!

Sales Office & Production:

P.O. Box 9
518 Birch Street
Abbotsford, WI 54405
Phone: 715-223-2376
Fax: 715-223-2377
Email: sales@strekodoors.com

The History of STREK-O Doors & Fire Safe Products:

STREK-O Doors, located in the small central Wisconsin town of Abbotsford, Wisconsin, began as Streckert Manufacturing in the 1940's, which primarily manufactured hollow core and stave core doors.

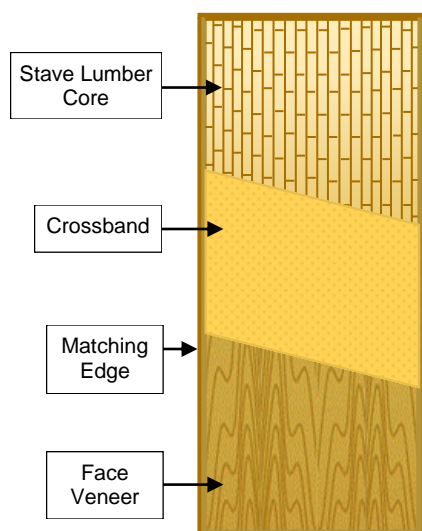
In February of 2004, the ownership changed and Streckert Manufacturing was renamed to STREK-O Doors. The product offerings have increased over the years to include stave core along with particleboard, structural composite lumber core, and mineral core. STREK-O Doors also manufactures doors in nearly every veneer imaginable with some of the quickest lead-times in the industry.

In 2007 STREK-O added **SafeCore®** to their product offering after acquiring Fire Safe Products from Skamol A/S, a Danish company founded in 1912.

The philosophy of maintaining excellent customer service, while producing a quality product that began with Streckert Manufacturing in the 1940's, continues with STREK-O Doors & Fire Safe Products today.



Stave Lumber Core



- Non Rated
- Fire Rated 20 Minute

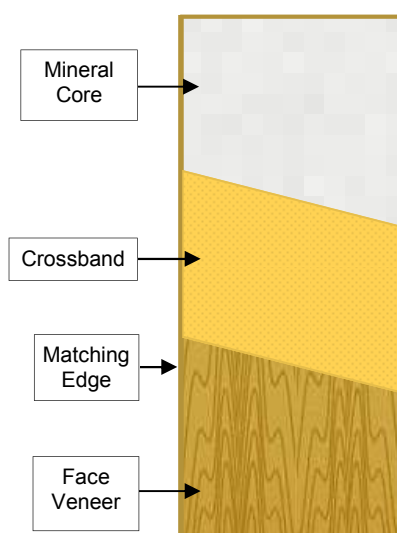
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Product Features

Construction:	Bonded 5 Ply Hot Press		
Core:	Lumber Core (butt-jointed & glued block)		
Door Thickness:	Non-rated	1 3/4", 1 3/8", 2 1/4" (other options avail.)	
	20 Minute	1 3/4", 2 1/4"	
Maximum Size:	Single (non-rated)	4/0 x 10/0	
	Pair (non-rated)	8/0 x 10/0	
		<u>Neutral Pressure</u>	<u>Positive Pressure</u>
	Single (20 minute)	4/0 x 10/0	4/0 x 10/0
	Pair (20 minute)	8/0 x 10/0	8/0 x 9/0
	Double Egress Pair (20 minute)	8/0 x 8/0	8/0 x 9/0
Stiles:	7/8" prior to factory trimming; glued to the core (other options available)		
Top & Bottom Rails:	1 1/2" Mill Option (Wider rails available)		
Faces:	All Veneer Species, Medium Density Overlay (MDO), Plastic Laminate		
Veneer Matching:	Available in Pairs, Sets, & Transoms (special matching available)		
Crossbands:	High Density Fiberboard (HDF)		
Adhesives:	Type 1 (Waterproof)		
Max Lite Openings:	<u>Non-rated:</u> Total sq. in. not to exceed 1296. Lite opening dimensions not to exceed 38" in width and 54" in length.		
	<u>20 Minute:</u> (Requires approved glass) Total sq. in. not to exceed 1296. Lite opening dimensions not to exceed 36" in width and 54" in length.		
Machining/Finishing:	Prefit, Bevel, & complete Factory Machining and Factory UV Finishing available		
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>		
Specifications:	Meets WDMA & AWI quality standards (Contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled Content/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehyde Resins)		

Fire Rated Mineral Core – Neutral Pressure



- Fire Rated 45 Minute
- Fire Rated 60 Minute
- Fire Rated 90 Minute

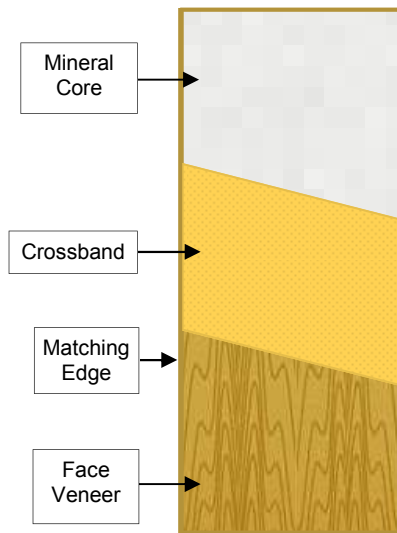
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Product Features

Construction:	Bonded 5 Ply Hot Press
Core:	Asbestos-Free Incombustible Mineral (Blocking Available)
Door Thickness:	45, 60, 90 Minute 1 3/4"
Maximum Size; ITS-WH & UL:	Single 4/0 x 10/0 Standard Pair 8/0 x 8/0 Double Egress Pair (SFD 45) 8/0 x 8/0 (Require special construction)
Stiles:	Matching Hardwood Edges (Fire Approved)
Top & Bottom Rails:	Top: 1/2" Bottom: 1 7/16" (Wider rails available)
Faces:	All Veneer Species, Medium Density Overlay (MDO)
Veneer Matching:	Available in Pairs, Sets, & Transoms (special matching available)
Crossbands:	High Density Fiberboard (HDF)
Adhesives:	Type 1 (Waterproof)
Max Lite Openings:	<u>Metal Vision Frames:</u> (Requires approved glass) Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height
<i>SFD-90, SFD-60, SFD-45:</i>	<u>Veneer Clad Lite Bead:</u> (Requires approved glass) Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height
<i>SFD-90, SFD-60, SFD-45:</i>	
Machining/Finishing:	Prefit, Bevel, & complete Factory Machining and Factory UV Finishing available
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>
Specifications:	Meets WDMA & AWI quality standards (Contact sales for label approvals)
Environmental/LEED Options:	MR4-Recycled Content/MR5-Regional Materials/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehyde Resins)

Fire Rated Mineral Core – Positive Pressure (Cat. A)

Positive Pressure with Concealed Intumescent



- Fire Rated 45 Minute
- Fire Rated 60 Minute
- Fire Rated 90 Minute

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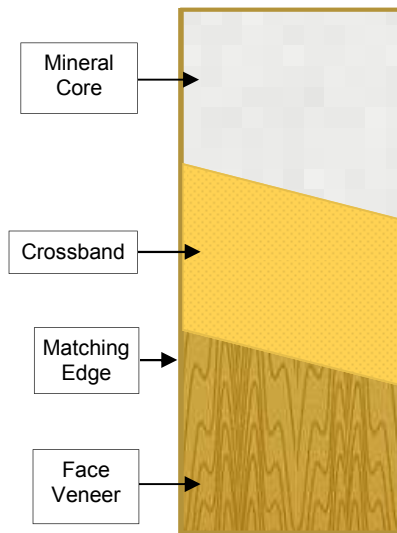
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Product Features

Construction:	Bonded 5 Ply Hot Press	
Core:	Asbestos-Free Incombustible Mineral (Blocking Available)	
Door Thickness:	45, 60, 90 Minute	1 3/4"
Maximum Size; ITS-WH & UL:	Single	4/0 x 10/0
	Standard Pair	8/0 x 9/0 (Require special construction)
	Double Egress Pair	8/0 x 8/0 (Require special construction)
Stiles:	Concealed intumescent positive pressure stiles with veneer band to match face	
	Single: 1-13/16"	Pair: 2-5/16"
	Double Egress Pair: Lock: 5-13/16"	Hinges: 2-5/16"
Top & Bottom Rails: (Wider Rails Available)	Single:	Top: 7/8" AT Bottom: 2-1/16" AT
	Pair:	Top: 1-3/4" Tectonite Bottom: 1-3/4" Tectonite
	Double Egress Pair:	Top: 3-3/8" Tectonite Bottom: 3-3/8" Tectonite
Faces:	All Veneer Species, Medium Density Overlay (MDO)	
Veneer Matching:	Available in Pairs, Sets, & Transoms (special matching available)	
Crossbands:	High Density Fiberboard (HDF)	
Adhesives:	Type 1 (Waterproof)	
Max Lite Openings:	<u>Metal Vision Frames:</u> (Requires approved glass)	
<i>SFD-90PPA, SFD-60PPA, SFD-45PPA:</i>	Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height	
	<u>Veneer Clad Lite Bead:</u> (Requires approved glass)	
<i>SFD-90PPA, SFD-60PPA, SFD-45PPA:</i>	Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height	
Machining/Finishing:	Prefit, Bevel, & complete Factory Machining and Factory UV Finishing available	
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>	
Specifications:	Meets WDMA & AWI quality standards (Contact sales for label approvals)	
Environmental/LEED Options:	MR4-Recycled Content/MR5-Regional Materials/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehyde Resins)	

Fire Rated Mineral Core – Positive Pressure (Cat. B)

Positive Pressure with Frame Mounted Intumescent



- Fire Rated 45 Minute
- Fire Rated 60 Minute
- Fire Rated 90 Minute

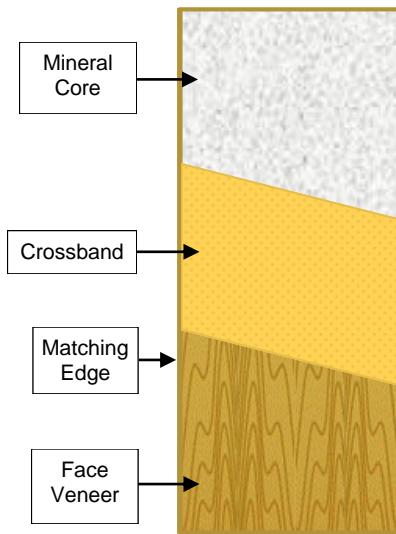
STREK-O

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Product Features

Construction:	Bonded 5 Ply Hot Press	
Core:	Asbestos-Free Incombustible Mineral (Blocking Available)	
Door Thickness:	45, 60, 90 Minute	1 3/4"
Maximum Size; ITS-WH & UL:	Single	4/0 x 10/0
	Standard Pair	8/0 x 9/0 (Require special construction)
	Double Egress Pair	8/0 x 8/0 (Require special construction)
Stiles:	Stiles are ATW or frame mounted positive pressure stiles with veneer band	
	Single: 1-3/8" ATW	Pair: 2-3/16"
	Double Egress Pair: Lock: 5-11/16"	Hinges: 2-3/16"
Top & Bottom Rails: (Wider Rails Available)	Single:	Top: 7/8" AT Bottom: 2-1/16" AT
	Pair:	Top: 1-3/4" Tectonite Bottom: 1-3/4" Tectonite
	Double Egress Pair:	Top: 3-3/8" Tectonite Bottom: 3-3/8" Tectonite
Faces:	All Veneer Species, Medium Density Overlay (MDO)	
Veneer Matching:	Available in Pairs, Sets, & Transoms (special matching available)	
Crossbands:	High Density Fiberboard (HDF)	
Adhesives:	Type 1 (Waterproof)	
Max Lite Openings:	<u>Metal Vision Frames:</u> (Requires approved glass)	
<i>SFD-90PPB, SFD-60PPB, SFD-45PPB:</i>	Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height	
	<u>Veneer Clad Lite Bead:</u> (Requires approved glass)	
<i>SFD-90PPB, SFD-60PPB, SFD-45PPB:</i>	Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height	
Machining/Finishing:	Prefit, Bevel, & complete Factory Machining and Factory UV Finishing available	
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>	
Specifications:	Meets WDMA & AWI quality standards (Contact sales for label approvals)	
Environmental/LEED Options:	MR4-Recycled Content/MR5-Regional Materials/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehyde Resins)	

Fire Rated SafeCore® – Neutral Pressure



• Fire Rated 45 / 60 / 90 Minute



Fire Safe Products

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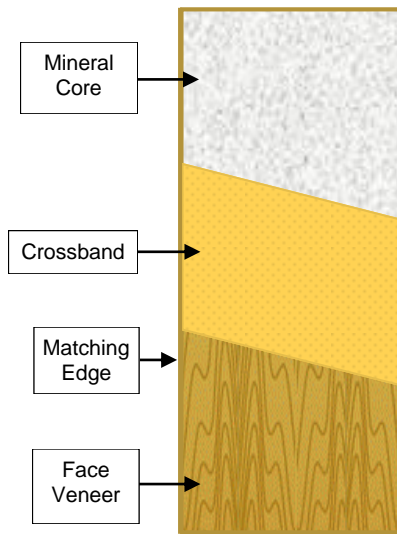
Product Features

Construction:	Bonded 5 Ply Hot Press	
Core:	Asbestos-Free Incombustible Mineral (Blocking Available)	
Door Thickness:	45 / 60 / 90 Minute	1 3/4"
Maximum Size:	Single	4/0 x 8/0
	Single 45 Minute	5/0 x 8/0
	Standard Pair	8/0 x 8/0 (Require special construction)
Stiles: (Wider Stiles Available)	Neutral pressure stiles with maximum 15/32" matching hardwood edge Single: 2-3/16" Pairs: Meeting Edge: 5-1/2" Hinge Edges: 2-3/16"	
Top & Bottom Rails: (Wider Rails Available)	Maximum 1/4" wood allowed on top rail and bottom rail (1/2" maximum wood allowed on bottom rail of SFD-45) Single: Top: 2-5/8" Bottom: 2-3/8" Pair: Top: 2-5/8" Bottom: 2-3/8"	
Faces:	All Veneer Species, Medium Density Overlay (MDO)	
Veneer Matching:	Available in Pairs, Sets & Transoms (special matching available)	
Crossbands:	High Density Fiberboard (HDF)	
Adhesives:	Type 1 (Waterproof)	
Max Lite Openings:	<u>Metal Vision Frames:</u> (Requires approved glass) Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height	
Machining/Finishing:	Prefit, Bevel & complete Factory Machining and Factory UV Finishing available	
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>	
Labeling Approvals:	Intertek Testing Services/Warnock Hersey	
Specifications:	Meets WDMA & AWI Quality Standards (Contact sales for label approvals)	
Environmental/LEED Options:	MR4-Recycled Content/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehyde Resins)	

Fire Rated SafeCore® – Positive Pressure (Cat. A)

Positive Pressure with Concealed Intumescent

• Fire Rated 45 / 60 / 90 Minute



Fire Safe Products

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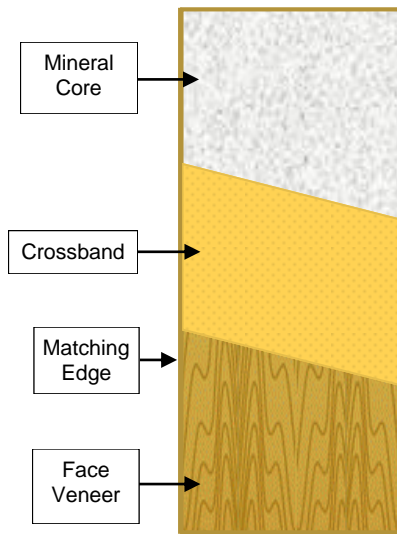
Product Features

Construction:	Bonded 5 Ply Hot Press		
Core:	Asbestos-Free Incombustible Mineral (Blocking Available)		
Door Thickness:	45 / 60 / 90 Minute		1 3/4”
Maximum Size:	Single	4/0 x 8/0	
	Single 45 Minute	5/0 x 8/0	
	Standard Pair	8/0 x 8/0 (Require special construction)	
Stiles: (Wider Stiles Available)	Concealed intumescent positive pressure stiles with maximum 15/32” matching hardwood edge		
	Single: 2-3/16”	Pairs:	Meeting Edge: 5-1/2” Hinge Edges: 2-3/16”
Top & Bottom Rails: (Wider Rails Available)	Concealed intumescent top rail with maximum 1/4” wood allowed on top rail and bottom rail (1/2” maximum wood allowed on bottom rail of SFD-45PPA)		
	Single:	Top: 2-5/8”	Bottom: 2-3/8”
	Pair:	Top: 2-5/8”	Bottom: 2-3/8”
Faces:	All Veneer Species, Medium Density Overlay (MDO), Plastic Laminate		
Veneer Matching:	Available in Pairs, Sets & Transoms (special matching available)		
Crossbands:	High Density Fiberboard (HDF)		
Adhesives:	Type 1 (Waterproof)		
Max Lite Openings:	<u>Metal Vision Frames:</u> (Requires approved glass) Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36” in width or 54” in height		
Machining/Finishing:	Prefit, Bevel & complete Factory Machining and Factory UV Finishing available		
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>		
Labeling Approvals:	Intertek Testing Services/Warnock Hersey		
Specifications:	Meets WDMA & AWI Quality Standards (Contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled Content/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehvdye Resins)		

Fire Rated SafeCore® – Positive Pressure (Cat. B)

Positive Pressure with Frame Mounted Intumescent

• Fire Rated 45 / 60 / 90 Minute



Fire Safe Products

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Product Features

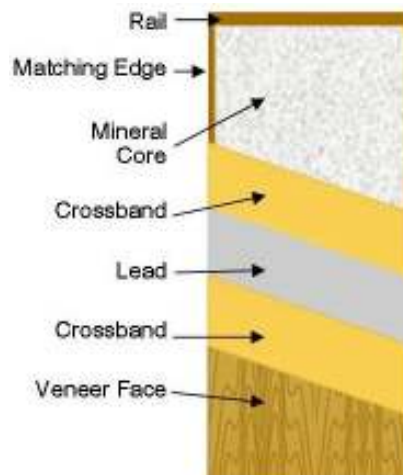
Construction:	Bonded 5 Ply Hot Press	
Core:	Asbestos-Free Incombustible Mineral (Blocking Available)	
Door Thickness:	45 / 60 / 90 Minute	1 3/4"
Maximum Size:	Single	4/0 x 8/0
	Single 45 Minute	5/0 x 8/0
	Standard Pair	8/0 x 8/0 (Require special construction)
Stiles: (Wider Stiles Available)	Positive pressure stiles with maximum 15/32" matching hardwood edge (Frame mounted intumescent) Single: 2-3/16" Pairs: Meeting Edge: 5-1/2" Hinge Edges: 2-3/16"	
Top & Bottom Rails: (Wider Rails Available)	Maximum 1/4" wood allowed on top rail and bottom rail (1/2" maximum wood allowed on bottom rail of SFD-45PPB) Single: Top: 2-5/8" Bottom: 2-3/8" Pair: Top: 2-5/8" Bottom: 2-3/8" (1/2" maximum wood allowed on bottom rail of SFD-45PPB)	
Faces:	All Veneer Species, Medium Density Overlay (MDO)	
Veneer Matching:	Available in Pairs, Sets & Transoms (special matching available)	
Crossbands:	High Density Fiberboard (HDF)	
Adhesives:	Type 1 (Waterproof)	
Max Lite Openings:	<u>Metal Vision Frames:</u> (Requires approved glass) Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height	
Machining/Finishing:	Prefit, Bevel & complete Factory Machining and Factory UV Finishing available	
Warranty:	Life of Original Installation - <i>Warranty does not apply for exterior applications</i>	
Labeling Approvals:	Intertek Testing Services/Warnock Hersey	
Specifications:	Meets WDMA & AWI Quality Standards (Contact sales for label approvals)	
Environmental/LEED Options:	MR4-Recycled Content/MR6-Rapidly Renewable Materials/MR7-Certified Wood/IEQ4.4-Low-Emitting Materials (No added Urea Formaldehyde Resins)	

Mineral Core Lead Lined Door

STREK-O

A great name in doors since 1940

45 / 60 Minute Fire Rated



Product Features

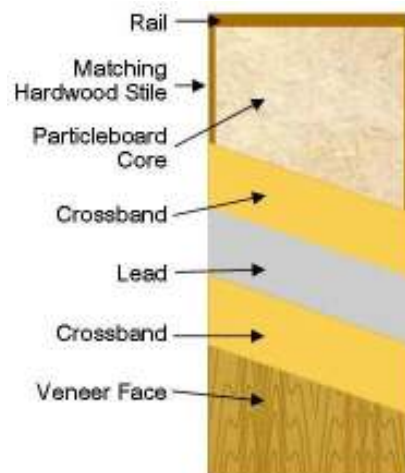
Construction:	Fully bonded core		
Core:	Asbestos-free incombustible mineral (blocking available)		
Door Thickness:		<u>Wood Veneer</u>	<u>Plastic Laminate</u>
	1/32" lead	1 3/4"	1 3/4"
	1/16" lead	1 3/4"	1 3/4"
	1/8" lead	1 3/4"	1 3/4"
Maximum Size:		<u>Neutral Pressure</u>	<u>Positive Pressure</u>
	Single	4/0 x 8/0	4/0 x 8/0
	Pair	8/0 x 8/0	8/0 x 8/0
Lead:	Up to 1/8" total thickness		
Stiles:	Per listing agency specifications		
Top & Bottom Rails:	Per listing agency specifications		
Faces:	All veneer species, medium density overlay (MDO), plastic laminate		
Veneer Matching:	Available in pairs (special matching available)		
Crossbands:	High density fiberboard (HDF)		
Adhesives:	Type 1 (waterproof)		
Max Lite Openings:	Metal Vision Frames: (Requires approved lead glass and rated glass)		
	Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height		
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory UV finishing available		
Warranty:	Life of original installation - <i>warranty does not apply for exterior applications</i>		
Specifications:	Meets WDMA & AWI quality standards (contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled content/MR6-Rapidly renewable/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)		

Particleboard Core Lead Lined Door

STREK•O

A great name in doors since 1940

Non Rated/20 Minute Fire Rated



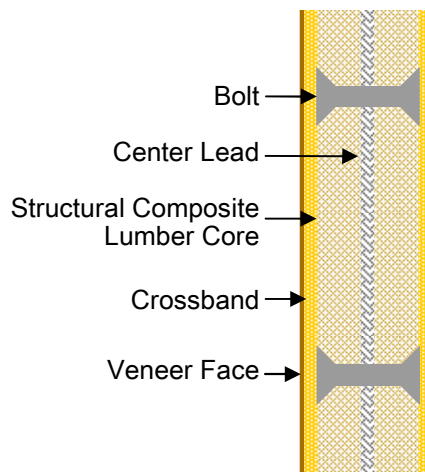
Product Features

Construction:	Fully bonded core		
Core:	Bonded particleboard core (conforming to ANSI A 208.1 1 LD-2)		
Door Thickness:	Non-rated	1 3/4"	
	20 Minute	1 3/4"	
Maximum Size:	Single (non-rated)	4/0 x 8/0	
	Pair (non-rated)	8/0 x 8/0	
		<u>Neutral Pressure</u>	<u>Positive Pressure</u>
	Single (20 minute)	4/0 x 8/0	4/0 x 8/0
Lead:	Pair (20 minute)	8/0 x 8/0	8/0 x 8/0
	Up to 1/8" total thickness (other thicknesses available upon request and require different construction)		
Stiles:	1 3/8" prior to factory trimming (other options available)		
Top & Bottom Rails:	4" SCL (wider rails available)		
Faces:	All veneer species, medium density overlay (MDO), plastic laminate		
Veneer Matching:	Available in pairs, sets, & transoms (special matching available)		
Crossbands:	High density fiberboard (HDF)		
Adhesives:	Type 1 (waterproof)		
Max Lite Openings:	<u>Non-rated:</u> Total sq. in. not to exceed 1296. Lite opening dimensions not to exceed 36" in width and 54" in length.		
	<u>20 Minute:</u> Metal Vision Frames: (Requires approved lead glass and rated glass) Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height		
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory UV finishing available		
Warranty:	Life of original installation - <i>warranty does not apply for exterior applications</i>		
Specifications:	Meets WDMA & AWI quality standards (contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled content/MR6-Rapidly renewable/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)		

Structural Composite Lumber Core Bolted Center Lead Door



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Product Features

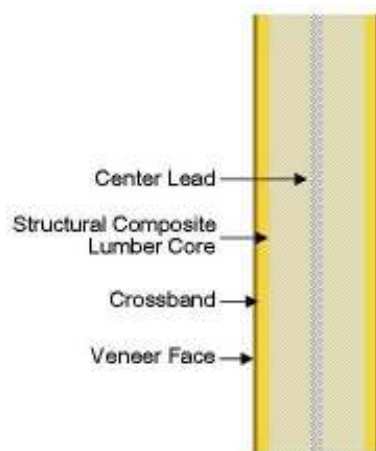
Construction:	Fully bonded and bolted core on lead over 3/8" lead (available on thinner lead if requested)	
Core:	Structural composite lumber core	
Door Thickness:	Lead Thickness	Door Thickness
	Over 3/8 to 15/32	2 1/4
	Up to 9/16	2 1/2
	(other lead and door thicknesses available upon request)	
Maximum Size:	Single (non-rated)	4/0 x 8/0
	Pair (non-rated)	8/0 x 8/0
Lead:	Bolted to core 2" from edge of door & 8" on center (locations vary based on hardware)	
Stiles:	7/8" matching hardwood prior to factory trimming (other options available)	
Faces:	All veneer species, medium density overlay (MDO), plastic laminate	
Veneer Matching:	Available in pairs, sets, & transoms (special matching available)	
Crossbands:	High density fiberboard (HDF)	
Adhesives:	Type 1 (waterproof)	
Max Lite Openings:	<u>Non-rated:</u> Total sq. in. not to exceed 1296. Lite opening dimensions not to exceed 36" in width and 54" in length.	
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory UV finishing available	
Warranty:	Life of original installation - <i>warranty does not apply for exterior applications</i>	
Specifications:	Meets WDMA & AWI quality standards (contact sales for label approvals)	
Environmental/LEED Options:	MR4-Recycled content/MR6-Rapidly renewable/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)	

Structural Composite Lumber Core Center Lead Lined Door

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Non Rated/20 Minute Fire Rated



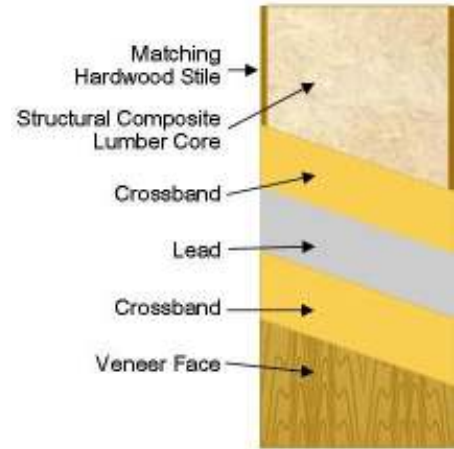
Product Features

Construction:	Fully bonded core	
Core:	Structural composite lumber core	
Door Thickness:	Non-rated	1 3/4"
Maximum Size:	Single (non-rated)	4/0 x 8/0
	Pair (non-rated)	8/0 x 8/0
Lead:	Up to 1/8" total thickness (other thicknesses available upon request and require different construction)	
Stiles:	7/8" matching hardwood prior to factory trimming (other options available)	
Faces:	All veneer species, medium density overlay (MDO), plastic laminate	
Veneer Matching:	Available in pairs, sets, & transoms (special matching available)	
Crossbands:	High density fiberboard (HDF)	
Adhesives:	Type 1 (waterproof)	
Max Lite Openings:	<u>Non-rated:</u> Total sq. in. not to exceed 1296. Lite opening dimensions not to exceed 36" in width and 54" in length.	
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory UV finishing available	
Warranty:	Life of original installation - <i>warranty does not apply for exterior applications</i>	
Specifications:	Meets WDMA & AWI quality standards (contact sales for label approvals)	
Environmental/LEED Options:	MR4-Recycled content/MR6-Rapidly renewable/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)	

Structural Composite Lumber Core Lead Lined Door

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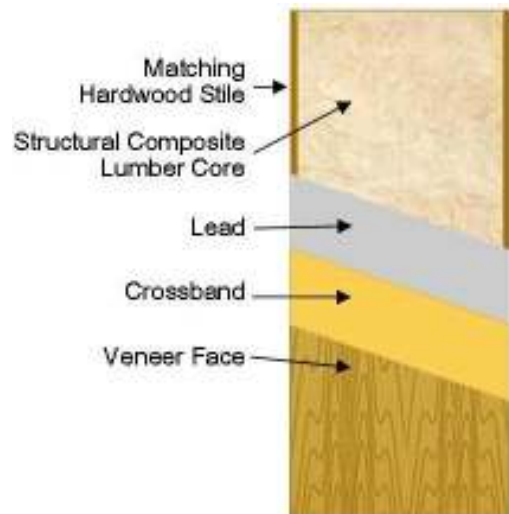


Non Rated/20 Minute Fire Rated

Product Features

Construction:	Fully bonded core		
Core:	Structural composite lumber core		
Door Thickness:	Non-rated	1 3/4"	
	20 Minute	1 3/4"	
Maximum Size:	Single (non-rated)	4/0 x 8/0	
	Pair (non-rated)	8/0 x 8/0	
		<u>Neutral Pressure</u>	<u>Positive Pressure</u>
	Single (20 minute)	4/0 x 8/0	4/0 x 8/0
	Pair (20 minute)	8/0 x 8/0	8/0 x 8/0
Lead:	Up to 1/8" total thickness (other thicknesses available upon request and require different construction)		
Stiles:	7/8" matching hardwood prior to factory trimming (other options available)		
Faces:	All veneer species, medium density overlay (MDO), plastic laminate		
Veneer Matching:	Available in pairs, sets, & transoms (special matching available)		
Crossbands:	High density fiberboard (HDF)		
Adhesives:	Type 1 (waterproof)		
Max Lite Openings:	<u>Non-rated:</u> Total sq. in. not to exceed 1296. Lite opening dimensions not to exceed 36" in width and 54" in length.		
	<u>20 Minute:</u> Metal Vision Frames: (Requires approved lead glass and rated glass) Total area of openings not to exceed 1296 sq. in. of visible glass or one continuous dimension of 36" in width or 54" in height		
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory UV finishing available		
Warranty:	Life of original installation - <i>warranty does not apply for exterior applications</i>		
Specifications:	Meets WDMA & AWI quality standards (contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled content/MR6-Rapidly renewable/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)		

Structural Composite Lumber Core Lead Lined Door

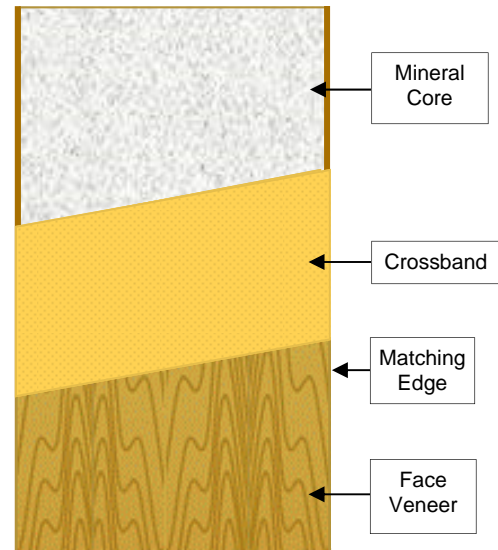


Non Rated - Lead Thicker Than 1/8"

Product Features

Construction:	Fully bonded core	
Core:	Structural composite lumber core	
Door Thickness:	Over 1/8" to 1/4" lead	1 3/4"
	Over 1/4" to 3/8" lead	1 13/16"
Maximum Size:	Single (non-rated)	4/0 x 8/0
	Pair (non-rated)	8/0 x 8/0
Lead:	Over 1/8" to 3/8" (other thicknesses available upon request)	
Stiles:	7/8" matching hardwood prior to factory trimming (other options available)	
Faces:	All veneer species, medium density overlay (MDO), plastic laminate	
Veneer Matching:	Available in pairs, sets, & transoms (special matching available)	
Crossbands:	High density fiberboard (HDF)	
Adhesives:	Type 1 (waterproof)	
Max Lite Openings:	Inquire with sales	
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory finishing available	
Warranty:	Life of original installation - <i>warranty does not apply for exterior applications</i>	
Specifications:	Meets WDMA & AWI quality standards (contact sales for label approvals)	
Environmental/LEED Options:	MR4-Recycled content/MR6-Rapidly renewable/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)	

Oversize Door Mineral Core

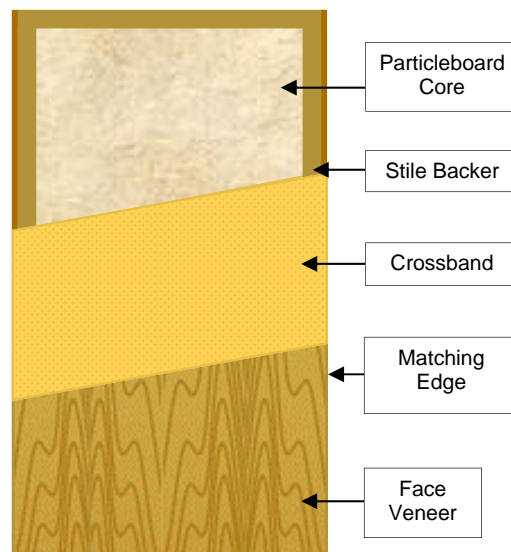


45 minute Fire Rated

Product Features

Construction:	Bonded 5 ply Hot Press		
Core:	Asbestos Free Incombustable Mineral (Blocking available)		
Door Thickness	45 Minute	1 3/4"	
Maximum Size:	Single	5/0 x 8/0	
	Single (45 minute)	<u>Neutral Pressure</u> 5/0 x 8/0	<u>Positive Pressure "A" & "B"</u> 5/0 x 8/0
Stiles:	Matching Hardwood Edges (Fire Approved)		
Faces:	All veneer species, medium density overlay (MDO)		
Crossbands:	High density fiberboard (HDF)		
Adhesives:	Type 1 (waterproof)		
Lite Openings:	Approved metal vision frame or veneer clad lite bead Total area of visible openings not to exceed 720 sq in. Maximum continuous Dimensions: 24" Width, 30" Length.		
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory finishing available		
Labeling Approvals:	Guardian Fire Testing Laboratories		
Specifications:	WDMA & AWI quality standards (contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled content/MR5-Regional Materials/MR6-Rapidly renewable/MR7-Certified Wood/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)		

Oversize Doors Particle Board Core

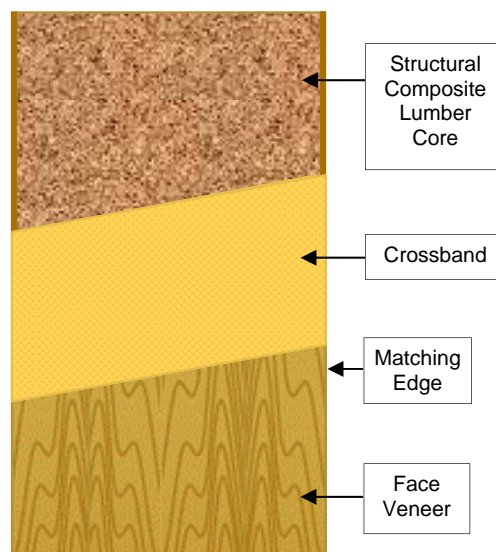


Non Rated/20 Minute Fire Rated

Product Features

Construction:	Bonded 5 ply Hot Press		
Core:	Bonded Particleboard Core (conforming to ANSI A 208.1 1 LD-2)		
Door Thickness:	Non-rated	1 3/4" - 2 1/4"	
	20 Minute	1 3/4" - 2 1/4"	
Maximum Size:	Single (non-rated)	5/0 x 12/0	
	Pair (non-rated)	10/0 x 12/0	
		<u>Neutral Pressure</u>	<u>Positive Pressure</u>
	Single (20 minute)	5/0 x 10/0	5/0 x 10/0
	Pair (20 minute)	10/0 x 10/0	10/0 x 10/0
Stiles:	6" with 7/8" matching hardwood prior to factory trimming (other options available)		
Faces:	All veneer species, medium density overlay (MDO), plastic laminate		
Veneer Matching:	Available in pairs, sets, & transoms (special matching available)		
Crossbands:	High density fiberboard (HDF)		
Adhesives:	Type 1 (waterproof)		
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory finishing available		
Specifications:	WDMA & AWI quality standards (contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled content/MR-5 Regional Materials/MR6-Rapidly renewable/MR-7 Certified Wood/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)		

Oversize Door Structural Composite Lumber Core



Non Rated/20 Minute Fire Rated

Product Features

Construction:	Bonded 5 ply Hot Press		
Core:	Structural Composite Lumber Core		
Door Thickness:	Non-rated	1 3/4" - 2 1/4"	
	20 Minute	1 3/4" - 2 1/4"	
Maximum Size:	Single (non-rated)	5/0 x 12/0	
	Pair (non-rated)	10/0 x 12/0	
		<u>Neutral Pressure</u>	<u>Positive Pressure</u>
	Single (20 minute)	5/0 x 10/0	5/0 x 10/0
	Pair (20 minute)	10/0 x 10/0	10/0 x 10/0
Stiles:	7/8" matching hardwood prior to factory trimming (other options available)		
Faces:	All veneer species, medium density overlay (MDO), plastic laminate		
Veneer Matching:	Available in pairs, sets, & transoms (special matching available)		
Crossbands:	High density fiberboard (HDF)		
Adhesives:	Type 1 (waterproof)		
Machining/Finishing:	Prefit, bevel, & complete factory machining and factory finishing available		
Warranty:	<i>Limited 3 year</i>		
Specifications:	WDMA & AWI quality standards (contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled content/MR6-Rapidly renewable/MR-7 Certified Wood/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)		

Bullet Resistant

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Non Rated/20 Minute Fire Rated

UL 752 Listed and Labeled Levels 1, 2, &3

Product Features

Construction:	Fully bonded multi-layer ballistic core		
Core:	Laminated multi-layer		
Door Thickness:	Non-Fire rated	1 3/4"	
	20 Minute Fire Rated	1 3/4"	
Max size non-fire rated:	Single	4/0 x 10/0	
Max size 20 min fire rated:	Single (20 minute)	<u>Neutral Pressure</u>	<u>Positive Pressure "B"</u>
		4/0 x 8/0	4/0 x 8/0
Stiles:	1/2" Stiles prior to factory sizing with Veneer Edge Bands		
Faces:	All veneer species, plastic laminates		
Crossbands:	High density fiberboard (HDF)		
Adhesives:	Type 1 (waterproof)		
Machining/Finishing:	Prefit, bevel, & factory machining (required) and factory UV finishing available. (Contact Sales for Machining restrictions)		
Warranty:	Life of Original Installation- <i>Warranty does not apply to exterior applications</i>		
Labeling Approvals:	Bullet Resistance: Underwriters Laboratories		
	FireRating: Guardian Fire Testing Laboratories		
Specifications:	Meets UL 752, WDMA & AWI quality standards (contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled content/MR5-Regional Materials/MR6-Rapidly renewable/ MR7 Certified Wood/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)		

Bullet Resistant

Non-Listed & Labeled (bullet resistance)

Our Non-Listed & Labeled bullet resistant doors are constructed using the same design and materials as our UL 752 Listed & Labeled doors but because of hardware or pairing requirements they do not conform to our approvals. Hardware preparations that require removal of the center ballistic material will void the bullet protection in the areas removed.



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Non Rated/20 Minute Fire Rated

Levels 1 through 8

Product Features

Construction:	Fully bonded multi-layer ballistic core		
Core:	Laminated multi-layer		
Door Thickness:	Non-Fire rated	1 3/4" - 2 1/4"	
	20 Minute Fire Rated (Levels 1,2,3,6)	1 3/4"	
Max size non-fire rated:	Single	5/0 x 10/0	
Max size 20 min fire rated:	Single (20 minute)	<u>Neutral Pressure</u>	<u>Positive Pressure "B"</u>
		4/0 x 8/0	4/0 x 8/0
Stiles:	1/2" Stiles prior to factory sizing with Veneer Edge Bands		
Faces:	All veneer species, plastic laminates, MDO.		
Crossbands:	High density fiberboard (HDF)		
Adhesives:	Type 1 (waterproof)		
Machining/Finishing:	Prefit, bevel, & factory machining (Factory machining required, some hardware preps may void bullet protection in the prep area)		
	Factory UV finishing available.		
Warranty:	Life of Original Installation- <i>Warranty does not apply to exterior applications</i>		
Labeling Approvals:	FireRating: Guardian Fire Testing Laboratories		
Specifications:	WDMA & AWI quality standards (contact sales for label approvals)		
Environmental/LEED Options:	MR4-Recycled content/MR5-Regional Materials/MR6-Rapidly renewable/ MR7 Certified Wood/IEQ4.4-Low-emitting materials (no added urea formaldehyde resins)		



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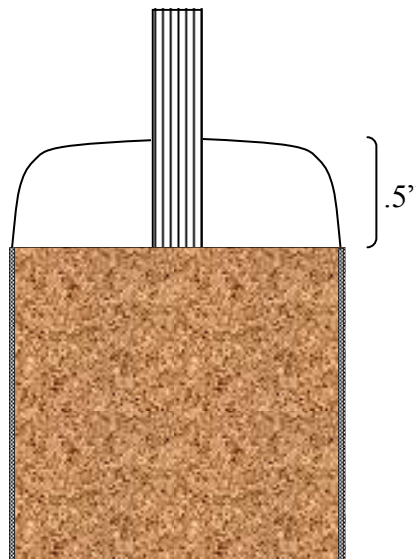
Profile Name: 1 3/4" Flush Moulding - SF

Unless otherwise specified tolerances on dimensions are:

Fractional: +/- 1/64"

Decimal: +/- .005"

Angular: +/- 2°



(Not Drawn to Scale)



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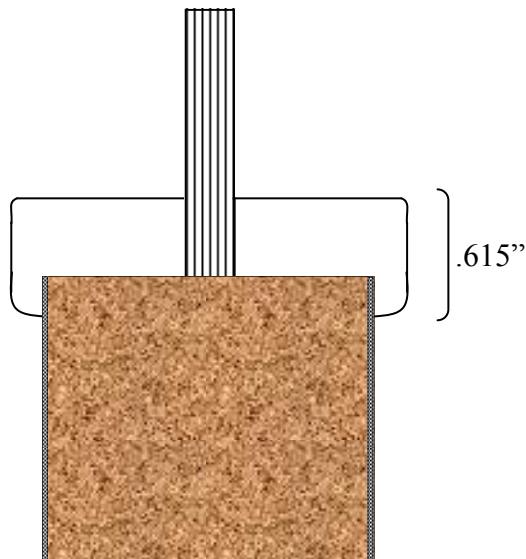
Profile Name: 1 3/4" Lip Moulding – SL2

Unless otherwise specified tolerances on dimensions are:

Fractional: +/- 1/64"

Decimal: +/- .005"

Angular: +/- 2°



(Not Drawn to Scale)



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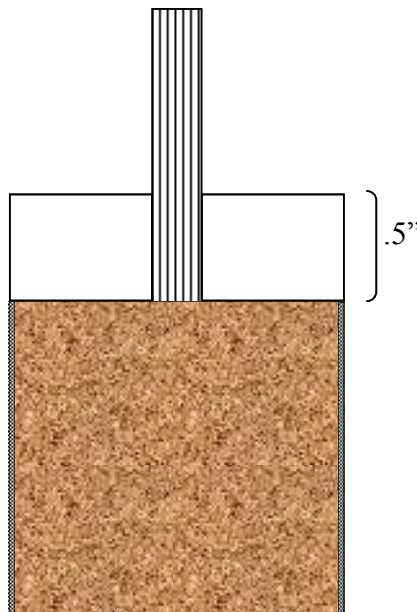
Profile Name: 1 3/4" Square Moulding - SSQ

Unless otherwise specified tolerances on dimensions are:

Fractional: +/- 1/64"

Decimal: +/- .005"

Angular: +/- 2°



(Not Drawn to Scale)