

Fire-Rated Narrow Profile Steel Doors & Frames

Fire Rating: 60/90/120 Minutes

Fireframes® Heat Barrier Series doors and frames combined with Pilkington Pyrostop® glass, provides a barrier to radiant and conductive heat transfer. Incorporating precise European engineering, the system also allows full-lite fire doors for aesthetic or security reasons.

FEATURES

- Fire-ratings of 60-120 minutes with required hose stream test
- Narrow steel profiles
- Full-lite doors available in single leaf or double leaf design
- Modular system that can incorporate 60/90 minute full-lite temperature rise doors
- Can incorporate large individual panes of Pilkington Pyrostop® fire-resistive-rated glass, comprised of Pilkington Optiwhite™ glass and clear intumescent interlayers
- Frames supplied “K-D” (knock-down) ready for installation or welded depending on application
- Unrestricted glazing area for use in locations where total glazing exceeds 25% of wall area
- Durable steel frames ensure low maintenance system
- Door hardware available to fit functional requirements. Check with TGP for compatibility
- Finish painted at the factory to match desired color scheme
- Easy installation similar to typical storefront systems
- Passes wall assembly test standard UL263 / ASTM E-119 for 60 and 120 minute ratings



BIM 3D Model Available



UL Classified & Labeled



Fire-Rated



Hose Stream Tested



Heat Barrier



Positive Pressure Tested

LISTINGS/STANDARDS

Classified and labeled by Underwriters Laboratories Inc.® and Underwriters Laboratories of Canada. File numbers R19207 (doors), R25229 (windows), R25274 (walls), design number U533 (W474 Canada). Tests performed in accordance with:

UL 9	NFPA 251	CAN/ULC-S101	ASTM E119	MEA 240-00-M
UL 10B	NFPA 252	CAN4 S-104		LARR 25798
UL 10C	NFPA 257	CAN4 S-106		
UL 263				
UL 752 (110 mm frame)				

SPECIFICATIONS

Complete 3-part CSI format specifications are available online at fireglass.com, or by calling 800.426.0279.

FRAMING

RATING	MAX. EXPOSED GLASS AREA PER PIECE	MAX. EXPOSED GLASS DIMENSION
60 min.	7,442 in ² (4.80 m ²)	118-1/8" (3.00 m)
90 min.	3,724 in ² (2.40 m ²)	96" (2.44 m)
120 min.	3,730 in ² (2.41 m ²)	111" (2.81 m)

DOORS

RATING	MAX. SINGLE DOOR LEAF SIZE	MAX. EXPOSED GLASS SIZE PER PIECE
60 min.	48-7/8" x 95-15/16" (1.24 m x 2.44 m)	41-5/8" x 89-3/4" (1.06 m x 2.28 m)
90 min.	48-7/8" x 95-15/16" (1.24 m x 2.44 m)	41-5/8" x 89-3/4" (1.06 m x 2.28 m)

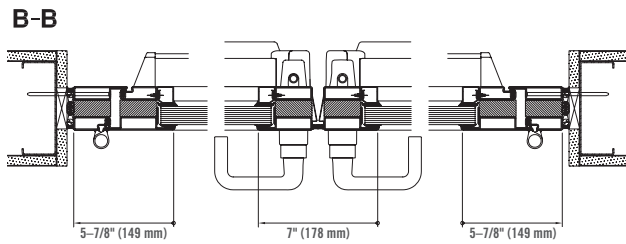
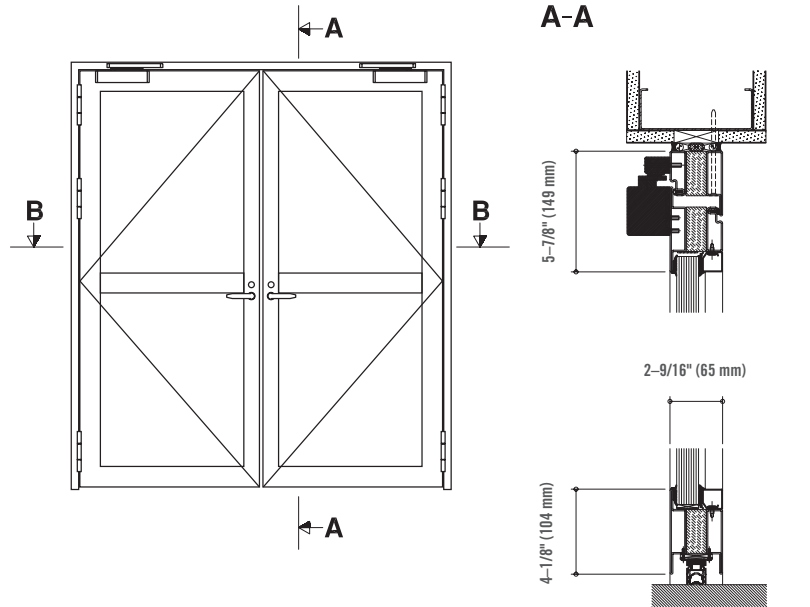
Note: Individual lite sizes cannot exceed “Max. Exposed Area” shown above.

DOOR DETAILS

All door hardware for Fireframes Heat Barrier Series doors is supplied by Technical Glass Products. Please contact TGP regarding your individual hardware requirements.

Standard hardware may include:

- Hinges
- Surface mounted closers
- Single mortise lock
- Panic hardware
- Tall bottom rails



WINDOW DETAILS

