

FIRE-RATED STILE AND RAIL STEEL DOORS FOR HURRICANE APPLICATIONS

The Fireframes® Hurricane Door System combines precision roll-formed steel profiles with fire- and hurricane-rated performance to deliver a sleek alternative to traditional hollow metal frames. Its narrow sightlines maximize transparency and design continuity while meeting demanding fire, windstorm, and large missile impact requirements. The modular system can be specified as a standalone door assembly or seamlessly integrated with the compatible Fireframes Hurricane Curtainwall System to create cohesive, code-compliant glazed entrances and openings without compromising architectural intent.



FIRE RATING
20/45/60/90 MINUTES

FEATURES

- Fire ratings of 20-90 minutes with required hose stream test
- Steel profiles provide a seamless aesthetic with adjacent non-fire-rated aluminum doors in a given project
- Durable welded steel construction of doors
- Pre-hung, prefinished, with door hardware included
- Full-lite, or split lite, doors available in active/active door pair configurations
- Powder coated at the factory to match the desired color scheme
- Can be easily integrated into Fireframes Hurricane Curtainwall System
- Easy installation similar to typical storefront systems, installs into a finished opening
- System features FireLite Plus® Hurricane or FireLite Plus Hurricane IGU by TGP
- Design Pressure ± 80 PSF, Large Missile Impact Level D

NOTE: Not available in temperature rise configuration.

LISTINGS/STANDARDS

Classified and labeled by Underwriters Laboratories Inc.® and Underwriters Laboratories of Canada. File number R19207. Test report number for labeled ± 80 PSF Design Pressure Windstorm Rated Assemblies is UL File No. ZHLA.94. Florida State Product approval # FL 48345.

Tests performed in accordance with:

UL 10B	CAN/ULC-S101	NFPA 80	TAS-201	ASTM E2074	AAMA 1304
UL 10C		NFPA 251	TAS-202*	ASTM E330	
		NFPA 252	TAS-203	ASTM E1886	
		NFPA 257		ASTM E1996	

* (Structural and Air Only)



Fire-Rated



Hose Stream Tested



Positive Pressure Tested



Hurricane Rated



UL Classified & Labeled



NORTH AMERICA'S
MOST SPECIFIED
FIRE-RATED GLASS COMPANY

GLASS SIZES

PRODUCT	APPLICATION	RATING	MAX. EXPOSED AREA	MAX. EXPOSED WIDTH	MAX. EXPOSED HEIGHT
FireLite Plus® Hurricane	Active / Active Door Pair	20-60 min.	3,204 in ² (2.07 m ²)	36" (914 mm)	89" (2,261 mm)
FireLite Plus Hurricane IGU		90 min.	2,034 in ² (1.31 m ²)	36" (914 mm)	56-1/2" (2,261 mm)

Note:

1. Individual lite sizes cannot exceed "Maximum Exposed Area" shown above.
2. DLO: The Day Light Opening, is the exposed dimension.

DOOR SIZES

PRODUCT	APPLICATION	RATING	MAX. EXPOSED WIDTH	MAX. EXPOSED HEIGHT
Fireframes® Hurricane Door System	Active / Active Door Pair	20-90 min.	83-3/8" (2,168 mm)	96" (2,438 mm)

Note: Glazed with FireLite Plus Hurricane or FireLite Plus Hurricane IGU.

SPECIFICATIONS

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

HARDWARE

All door hardware for Fireframes Hurricane Door System is supplied by Technical Glass Products for LHRA/RHRA pair of doors.

ITEM DESCRIPTION	LHRA/RHRA (PAIR)	MANUFACTURER-NOTES
Door Bottom Smoke Seal	Required	Pemko-Automatically seals to floor when door is closed
Perimeter Gaskets	Required	TGP-Double overlapping seal system provides effective seal against weather and smoke
Weld-On Pivot	Required	TGP-Three pivots are standard
Closer	Required Option	LCN-4040XP surface mounted, push side standard
Exit Device and Latching	Required	Von Duprin-Surface Vertical Rod (bottom rod required)
Cylinder	Optional	Schlage C Keyway (Standard)
Concealed Power Transfer	Optional	ETP-10-For use with electronic options
Power Supply	Optional	Von Duprin-Power for electric exit devices

DOOR DETAILS

