



PyroEdge-20

Features & Benefits

- Fire rated for 20/30 minutes without hose stream
- Large sizes including 4' x 9' steel and wood doors
- Exceptional replacement for wired glass
- Tested to latest positive pressure standards as mandated by IBC and NFPA 5000
- Wireless, colorless, and distortion-free
- Safety rated for all hazardous areas—tested to ANSI Z97.1 and CPSC 16CFR 1201 (Cat. I and II 400 ft. lb. impact)
- Optional beveled edges and acid etched (opaque) lites including special designs and logos
- For use in interior and exterior applications
- Multiple U.S. manufacturing locations means fast delivery to meet your installation and timing requirements



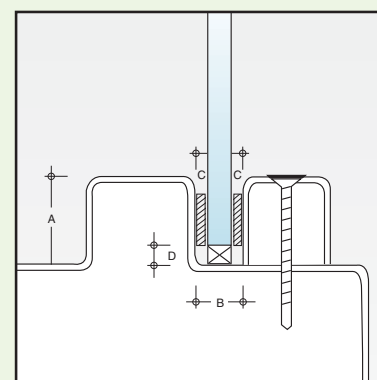
PyroEdge-20 fire rated glazing is a clear 1/4" or 3/8" tempered glazing rated for 20 and 30 minute applications without hose stream. It is safety tested and rated to meet or exceed all local, regional, state and federal code requirements. PyroEdge-20 is listed for use in doors, sidelites and borrowed lites as allowed by model building codes. Multiple manufacturing locations in the U.S for fast delivery times.

Maximum Glazing Sizes (clear view)

Steel—20 min.	Width	Height	Max. Sq. In.	Stop Height
Doors	90 3/4"	90 3/4"	3154"	5/8"
Sidelites*	90 3/4"	90 3/4"	3154"	5/8"
Borrowed Lites*	90 3/4"	90 3/4"	3154"	5/8"
Wood—20 min.				
Doors	87 9/16"	87 9/16"	2868"	1/2"
Sidelites*	87 9/16"	87 9/16"	2868"	1/2"
Steel—30 min.				
Borrowed Lites*	35 1/4"	35 1/4"		5/8"

*Subject to approval of Authority Having Jurisdiction (AHJ).

85 Liberty Ship Way, Suite 110B • Sausalito, California 94965
 Toll-Free: (877) 376-3343 • Telephone: (415) 331-6379
 Fax: (415) 289-0326 • www.firesafe-glass.com



- A: 5/8" steel; 1/2" metal lite kits, wood doors
- B: 1/2"
- C: 1/8" glazing tape
- D: 1/4" setting blocks

General Characteristics

	PyroEdge-20/30
Thickness	1/4" or 3/8"
Weight/sq.ft.	3.0 lbs/4.5 lbs
Light transmission	89%/87%
Visible Reflection	9%/8%
Safety rating	CPSC 16CFR1201 Cat. II 400 ft. lbs. ANSI Z97.1
Fire rating	20/30 minutes

LISTINGS

Testing completed by Intertek Testing Services Warnock-Hersey certification and/or Underwriters Laboratories in accordance with ASTM E-152, CSFM 43.7, NFPA 252, UBC 43-2, UBC 7-2 (1997), UL-9, UL-10B, UL-10C. Test report numbers WHI 495-PSV-1354, WHI 495-PSV-1355, WHI 495-1475, J99018625-231 and UL-R1837599NK42825. CSFM approval 4075-1537:100.

LABELING

All product is permanently labeled with a ceramic frit bearing the product and manufacturer's name, testing laboratory, rating and safety standards.

INSTALLATION

All systems require 1/4" x 1/4" x 3" calcium silicate setting blocks placed at sill quarter points. Each lite of PyroEdge must be inspected prior to installation for damage including chips, occlusions and other imperfections. DO NOT INSTALL GLASS THAT HAS BEEN DAMAGED.

STEEL SYSTEMS

PyroEdge may be glazed with silicone, closed cell PVC tape or ceramic glazing tape with a minimum edge coverage of less than or equal to 3/8" and a minimum perimeter edge clearance of 1/4".

WOOD SYSTEMS

PyroEdge must be glazed with Pemko FG3000S45 (0.40" x 0.450") glazing tape. Maximum 1/2" high and minimum 1/2" wide wood stops must have a minimum specific gravity of 0.55 (birch) or higher at 12% M.C. Perimeter edge coverage of glazing shall be no greater than 1/4" with a perimeter edge clearance of a minimum 1/4" on sill and sides and 5/16" on top.

STORAGE AND HANDLING

PyroEdge-20 must be handled with care during transportation, storage, inspection and installation. Store in a dry place.

SPECIFICATIONS

All 20/30 minute fire rated and impact safety rated glazing shall be designated on the drawings as 1/4" or 3/8" PyroEdge-20/30 minute fire and safety rated glazing.

LITE KITS FOR DOORS

Lite kits for Pyrobel are available from Anemostat Door Products by phone (310) 835-7500, or by fax (310) 835-0448. Contact Anemostat or other lite kit manufacturer directly for appropriate products.



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