SuperClear® 45-HS-LI

Patented

45 Minute Fire Protective Glazing

PRODUCT ADVANTAGES

FIRE RATED | HOSE STREAM | IMPACT RATED | THERMAL SHOCK | POSITIVE PRESSURE | LOW IRON | AFFORDABLE | GREEN | HIGH STC/OITC

- **The clearest, most economical fire and safety rated glazing meeting all the requirements for 45 minute doors, sidelites, transoms and openings in large sizes.**
- **Meets the required hose stream test.**
- **Meets the CPSC Cat. II impact safety test without the need of films or laminates.**
- **Non-wired and tint-free clear glazing using low-iron glass providing the highest visual clarity.**
- **Insulated, obscure, decorative or filmed make-ups available.**
- Can be used in interior and exterior applications.
- USA manufactured for fast delivery and competitive pricing.
- Approved glazing component in the NFRC CMAST database.
- Lifetime manufacturer's warranty.

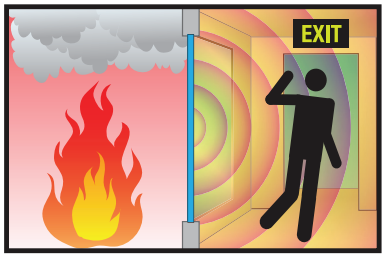
Fire Rating	Application	Max. CV Area	Max. CV Width	Max. CV Height	Stops
45 minutes	Doors	3,288 in.² (2.12 m²)	33 in. (0.84 m)	99-5/8 in. (2.53 m)	5/8 in. (16 mm)
45 minutes	Windows/ Sidelites/ Transoms	3,880 in.² (2.50 m²)	96 in. (2.44 m)	96 in. (2.44 m)	5/8 in. (16 mm)

TESTED AND CERTIFIED TO UL 9, 10B AND 10C

SuperClear® 45-HS-LI is listed and labeled by Intertek and Underwriters Laboratories, nationally recognized testing laboratories approved by OSHA.

FIRE PROTECTIVE

Contains smoke and flames.
Does not block radiant heat.



For fire resistive glazing that blocks radiant heat see SuperLite® II-XL.

SPECIFICATIONS

Thickness: 3/4 in. (19 mm)

Weight: 9.0 lbs./sq.ft. (44 kg/m²)

Sound Transmission Rating: STC 37/ OITC 35 in 3/4 in. (19 mm) standard profile in standard hollow metal frames.

Fire Rating: 45 minutes with hose stream

Visible Light Transmittance: 90

Impact Safety Rating: CPSC 16 CFR 1201 Cat. I and II, ANSI Z97.1 Class A and B, CAN/CGSB 12.1 Class A and B

3-Part Specifications: Available at **www.safti.com/specifications**

US Pat. No. 11,479,504 with additional patents pending.

APPROVALS

UL 9, UL 10B, UL 10C, NFPA 80, NFPA 252, NFPA 257, ULC CAN4-S104, ULC CAN4-S106, CPSC 16 CFR 1201 Cat. I & II., ANSI Z97.1, CAN/CGSB 12.1

Made in the USA

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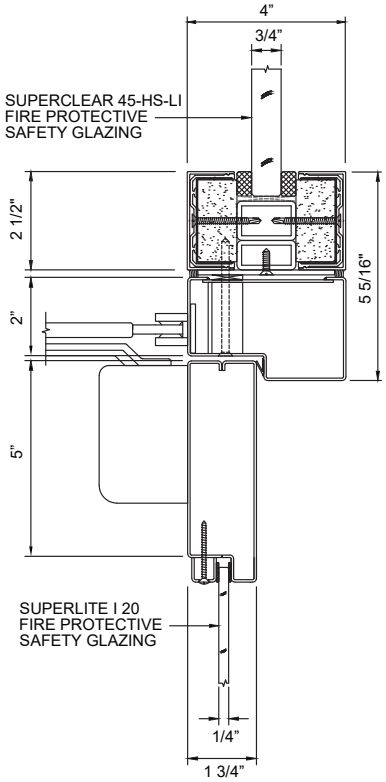
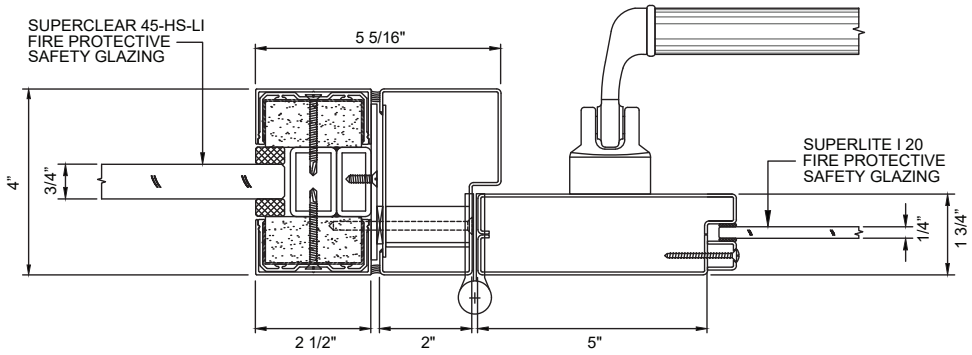
TYPICAL DETAILS

More details available at www.safti.com/details

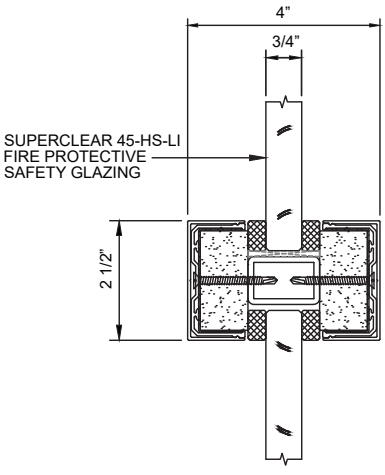
SuperClear® 45-HS-LI in GPX® Builders Series Fire Protective Door and GPX® Architectural Series Sidelite/Transom/Opening



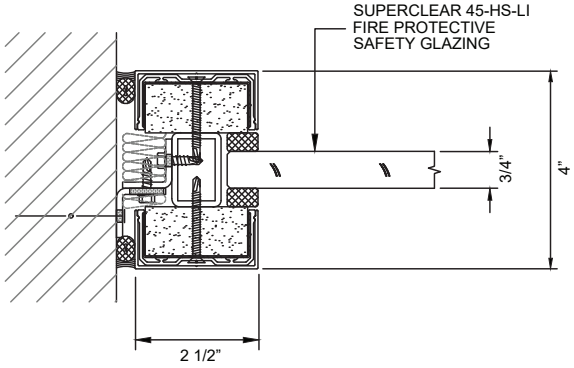
DOOR TOP RAIL DETAIL



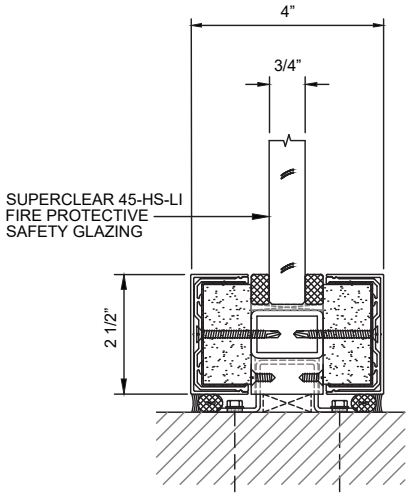
DOOR JAMB AT HINGE DETAIL



HORIZONTAL MULLION DETAIL



JAMB DETAIL



SILL DETAIL

Details not to scale.

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