

SuperClear® 45-HS-LI

Patent Pending

**45 Minute
Fire Protective Glazing**

PRODUCT ADVANTAGES



- ▶ 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 m ²)	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 m ²)	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

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



www.safti.com

SAFTIFIRST
SAFETY AND FIRE TECHNOLOGY INC.

888.653.3333

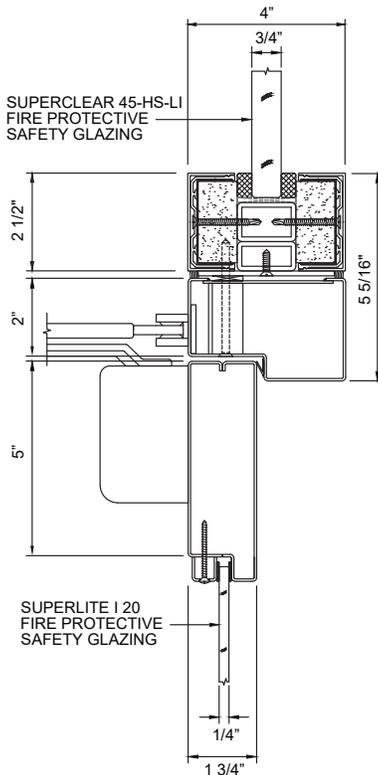
SuperClear® 45-HS-LI

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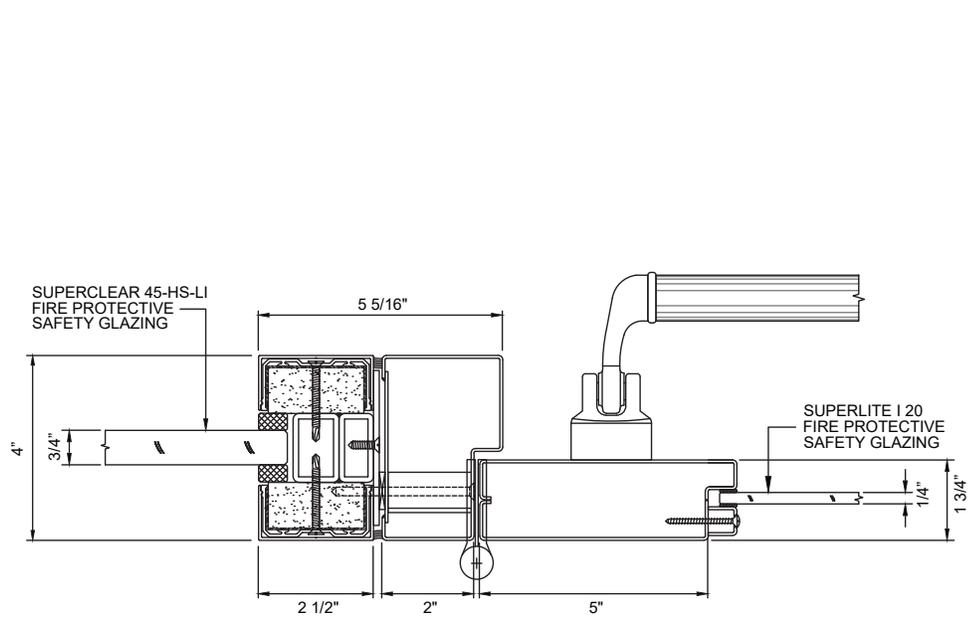
45 Minute
Fire Protective Glazing

TYPICAL DETAILS More details available at www.safti.com/details

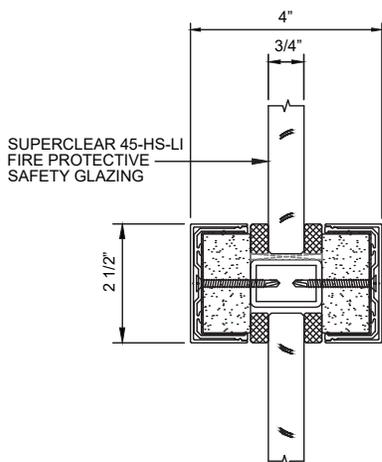
SuperClear® 45-HS-LI in GPX® Builders Series Fire Protective Door and GPX® Architectural Series Sidelite/Transom/Opening



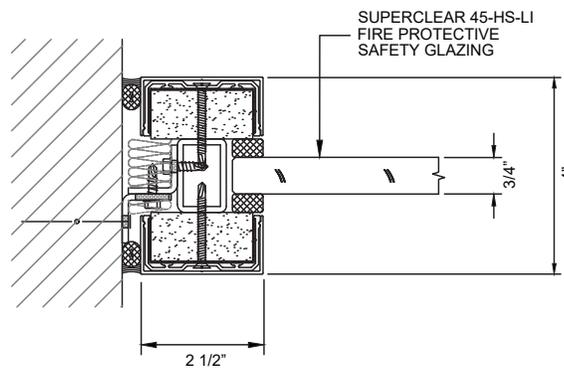
DOOR TOP RAIL DETAIL



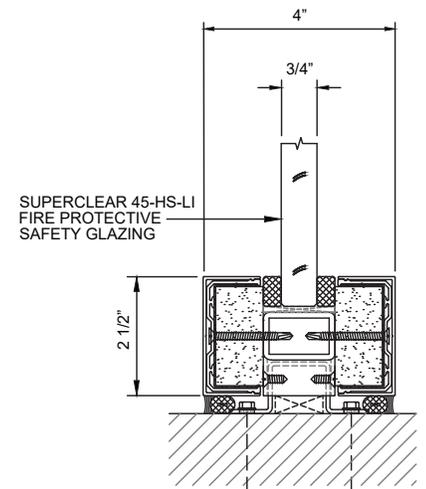
DOOR JAMB AT HINGE DETAIL



HORIZONTAL MULLION DETAIL



JAMB DETAIL



SILL DETAIL

Details not to scale.

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