GPX® CURTAIN WALL SERIES

Fire Resistive Curtain Wall up to 2 Hours

PRODUCT ADVANTAGES

FIRE RATED | GREEN | HOSE STREAM | RADIANT HEAT | THERMAL SHOCK | POSITIVE PRESSURE | BALLISTIC RATED

- **Provides wall-to-wall and floor-to-ceiling transparency for up to 2 hours when combined with SuperLite® II-XL glazing.**
- Durable and structurally sound fire resistive aluminum clad framing system.
- Provides the clean appearance of conventional aluminum framing with uniform sightlines.
- Available in standard and custom finishes including high performance fluoropolymer finishes by PPG, clear anodized, bronze anodized, black anodized, Decoral®, any species of wood veneer, ornamental metal and more.
- Can be used in both interior and exterior applications.
- Can be customized to protect against hurricane, bullet, blast, noise and UV rays.
- Standard 5 year limited warranty.
- USA manufactured for fast lead times and competitive pricing.

FRAMING:
with SuperLite® II-XL glazing

Fire Rating	Max. CV Area	Max. CV Width	Max. CV Height
45-60 minutes	**4,952 in.²** (3.19 m²)	**124 in.** (3.15 m)	**124 in.** (3.15 m)
90-120 minutes	**4,876 in.²** (3.15 m²)	**124 in.** (3.15 m)	**124 in.** (3.15 m)

UL AND INTERTEK TESTED AND CERTIFIED

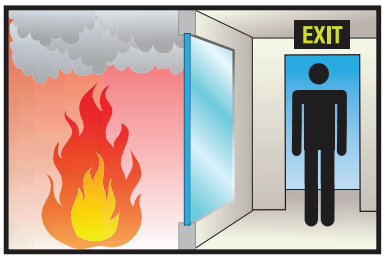
GPX® Curtain Wall Series is listed and labeled by Intertek and Underwriters Laboratories, nationally recognized testing laboratories approved by OSHA.

APPROVALS

UL 9, UL 10B, UL 10C, UL 263, UL 752-2005, NFPA 80, NFPA 251, NFPA 252, NFPA 257, ASTM E119, ASTM E152, ASTM E163, ASTM E2074, ASTM E2010-01, CPSC 16 CFR 1201 Cat. II, ANSI Z97.1, ULC CAN4-S101, ULC CAN4-S104, ULC CAN4-S106, NFRC 100, NFRC 200, NFRC 500.

FIRE RESISTIVE

Contains smoke and flames, and blocks the passage of radiant heat.



SPECIFICATIONS

Profile Width: Standard 3 in. (76 mm). Optional 2 ½ in. (63.5 mm).

Weight: 12 lb./lineal foot standard

Fire Rating: Up to 120 minutes with hose stream Meets ASTM E119, NFPA 251, and UL 263

Air Infiltration: ASTM E 283-04 at 6.24 psf. **Result: No Leakage.**

Static Pressure: ASTM E 331-00 at 20.0 psf. **Result: No Leakage.**

Dynamic Pressure Water Resistance: AAMA 501-1.05 at 12.0 psf. **Result: No Leakage.**

Thermal Cycling and Condensation Evaluation: Exterior 170 degrees F: -10 degrees F/ Interior: 68 degrees F. **Result: No Damage.**

Condensation Resistance Factor of Frame: 68

Condensation Resistance Factor of Glass: 71

Structural Performance: ASTM E-330 between -75.0 psf to 60.0 psf. **Result: Passed with No Damage.**

Interstory Vertical Displacement Test: 1" Parallel, 1" Perpendicular. **Result: No Damage.**

Seismic Movement Test: ¾" cycled movement horizontally. **Result: No Damage.**

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

Made in the USA

GPX® CURTAIN WALL SERIES

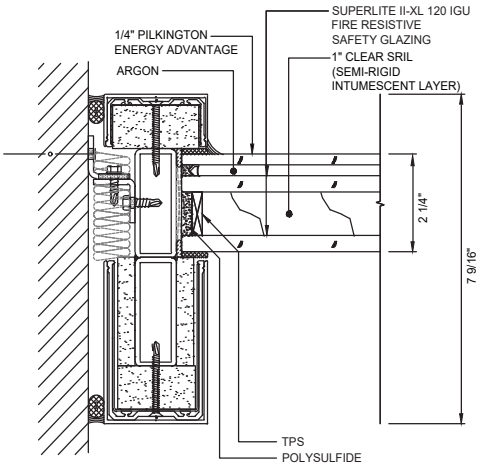
Fire Resistive Curtain Wall up to 2 Hours

Project: Weill Cornell
Location: New York, NY
Architect: Ennead Architects
Contract Glazier: W&W Glass, LLC
Products Used: SuperLite® II-XL 120 IGU in GPX® Curtain Wall System

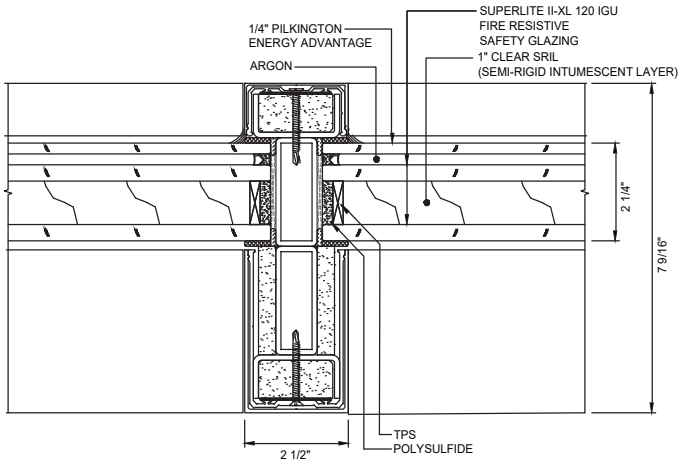
TYPICAL DETAILS

More details available at www.safti.com/details

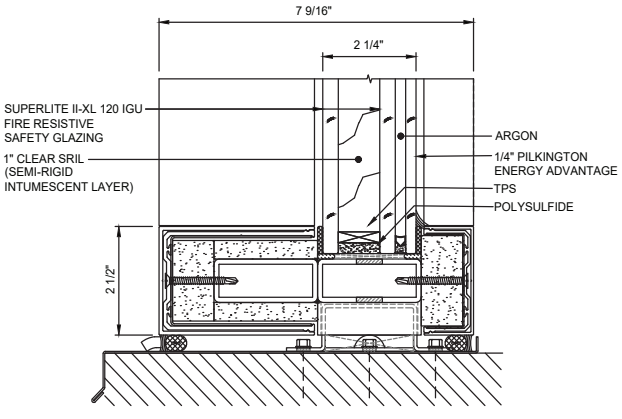
SuperLite® II-XL 120 in GPX® Curtain Wall System



JAMB DETAIL



VERTICAL MULLION DETAIL



SILL DETAIL

Details not to scale

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