

TEMPERED
ANTI-REFLECTIVE
INTERIOR
EXTERIOR



DESIGN
CANOPIES
SATIN ETCH
TIM
DIGITAL
PRINTING
BACK PAINTED
CUSTOM LAMINATED GLASS
ANTIQUE MIRROR
ARCHITECTURAL
HCLON
FIRE-RATED
ENTRANCE
PARTITIONS
TEXTURED
HCL3 ETCH
DECORATIVE
RAILINGS
NATIONWIDE LOGISTICS
PICTURE
FRAME
PROJECT MANAGEMENT
SPECIALTY
OVERSIZED

SCHOTT PYRAN[®] Platinum L

Features & Benefits

- Fire-rated up to 90 minutes (up to 180 minutes in doors) with required hose stream test
- Laminated specially floated glass-ceramic does not require polishing
- Transparent and wireless
- Withstands thermal shock
- Approved for use with any fire-rated frame
- Conforms to positive pressure test standards
- Environmentally-friendly glass-ceramic; produced without hazardous heavy metals arsenic and antimony
- Cradle to Cradle[®] Certified Silver by MBDC
- Meets Leed Innovation in Design requirements
- Qualifies for Environmentally Preferred Purchasing Program (EPP)
- Can be used to construct insulated glazing units
- Can be lightly sandblasted or delivered with surface-applied opacity film
- Available locally through GGI distributor network



General Characteristics

- Thickness: 3/8" (9mm)
- Weight: 4.0 lbs/ft²
- Clear, No amber tint
- Surface finish: Float glass quality
- Maximum sheet sizes: Approximately 43" x 77"
- Impact Rating: ANSI Z97.1 (Class A) and CPSC 16CFR1201 (Cat. I and II)
- STC rating: Approximately 36 dB

For more information, please contact marketing@generalglass.com.

Ratings in Minutes	Location	Max. exposed area of glazing (in ²)	Max. width of exposed glazing (in)	Max. height of exposed glazing (in)	Min. depth of groove (in)	Groove width (in)	Building code marking
Up to 90 min	Doors Non-Temp Rise	2,736 (19 ft ²)	76	75	5/8	5/8, 1/2	D-H-NT-90
Up to 180 min	Doors Temp Rise and Non-Temp Rise	100 (0.69 ft ²)	12	33	1/2	5/8	D-H-NT-180
Up to 90 Min	Transom lites, sidelites, windows	3,143 (21.8 ft ²)	75	75	5/8	5/8	OH-90

Classified and labeled by Underwriters Laboratories, Inc. for the United States and Canada under File # R22036. All fire tests performed in accordance with UL 9, UL 10B, UL10C, UBC 7-2 (1997), UBC 7-4 (1997), NFPA 252, NFPA 257, NFPA 80, ULC Can4-5104, and ULC CAN4-5106.

Note: This product is not considered a barrier to radiant heat and has not met the ASTM E-119 or UL 263 test standards.

Labeling

After cutting, each lite of PYRAN® Platinum L fire-and safety-rated glass-ceramic shall be permanently labeled according to local building code requirements with product and manufacturers name, UL certification mark, fire-rating, etc.

Storage and Handling

PYRAN® Platinum L fire-rated glass-ceramic should be handled with care during transportation, storage, inspection, and installation. It should be stored in dry conditions only and needs to be stacked upright or at a slight angle. In addition, the panels must be separated by an appropriate material, such as soft pads made of cork, and the bottom edge must be supported along its entire length.

Installation

PYRAN® Platinum L shall only be installed into fire-rated frame and window assemblies carrying the same rating. Each PYRAN® Platinum panel should be inspected carefully before installation, and any pieces visible edge or surface damage should be sorted out. All glazing components and the stop height must be chosen according to the PYRAN® Platinum L product classification. The panel must be placed on calcium silicate or hardwood setting blocks and glazed using PYRAN® Platinum L classified glazing tape, such as closed cell PVC, Fiberfrax tape or Pemko FG3000S90. The installation of the framed unit must comply with the frame supplier's instructions.

PYRAN® Platinum L is a specially developed glass-ceramic that fulfills fire-protection rating requirements. The production process may create certain optical imperfections, such as bubbles or knots. Since these do not generally impair the transparency or the technical performance of the glass-ceramic, they do not represent cause for rejection or replacement.glass-ceramic, they do not represent cause for rejection or replacement.

Maintenance and Care

To maintain the aesthetics, it is important to keep the panel clean. A soft, clean, non-abrasive cloth and a mild soap, detergent, or non abrasive window cleaning solution is suitable for cleaning. After cleaning, rinse immediately with clean water and remove any excess water from the panel surface. Also, do not allow any metal or hard parts of the cleaning equipment to come in contact with the panel surface.

Notes

Failure to comply with any of the Labeling, Storage & Handling, Installation, and/or Maintenance & Care guidelines may result in a loss of warranty.

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