

Pyran[®] Platinum Fire-rated Glass-ceramic



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Pyran Platinum from ITI Glass is an innovative glass-ceramic made specifically for architectural applications.



Description

Pyran Platinum glazings manufactured by Schott are visually transparent, designed to closely match the appearance of clear float glass. The glazing is a specialty floated glass-ceramic, which creates a high-quality surface finish and gray-green aesthetic free of amber tint.

Pyran Platinum is a fire-protective glazing. The product provides increased safety for building occupants by containing smoke and flames in case of a fire. Pyran Platinum F (filmed) and L (laminated) are safety rated to the industry's highest human impact safety standard. In terms of price, color and optical qualities, Pyran Platinum is unmatched among fire-rated glazings.

Features

- » Fire-rated from 20 to 90 minutes, up to 180 minutes in doors, with required hose stream test
- » Survives thermal shock from sprinklers
- » High-quality surface finish, produced without grinding and polishing
- » Free of amber tint, transparent, wireless
- » Versatile, use in standard fire-rated frames with the same minute rating
- » Maximum sheet size: 43" x 77"
- » Can be used in insulated units, contact ITI Glass for more information



Fire Rated
Fire Protective



Green
No hazardous toxins



Hose Stream



Impact Safety Rated
Platinum F, Platinum L



Thermal Shock



Positive Pressure Rated

General Characteristics

Pyran Platinum

- » Fire-rated glass-ceramic
- » Thickness: 3/16" (5 mm)
- » Weight: 2.5 lbs/ft²

Pyran Platinum F

- » Surface film fire- and safety-rated glazing
- » Impact rated to ANSI Z97.1 and CPSC 16 CFR 1201 Category 2
- » Thickness: 3/16" (5 mm)
- » Weight: 2.5 lbs/ft²

Pyran Platinum L

- » Laminated fire- and safety-rated glazing
- » Impact rated to ANSI Z97.1 and CPSC 16 CFR 1201 Category 2
- » Thickness: 3/8" (9 mm)
- » Weight: 4 lbs/ft²

Listings

Product	Fire Rating	Application	Max. Exposed Area	Max. Exposed Width	Max. Exposed Height	Stops
Platinum and Platinum F	Up to 90 minute	Other than doors	3,422"	76"	76"	5/8"
Platinum F	Up to 90 minute	Doors, non-temperature rise	2,736"	36"	76"	5/8"
Platinum L	Up to 90 minute	Other than doors	3,143"	75"	76"	5/8"
	Up to 90 minute	Doors, non-temperature rise	2,736"	36"	75"	5/8"
Platinum F and Platinum L	Up to 180 minute	Doors, temperature-rise and non-temperature rise	100"	12"	33"	1/2"

Classified and labeled by Underwriters Laboratories Inc. for the United States and Canada with File-No. R22036. All fire tests performed in accordance with UL 9, UL 10C, UBC 7-2 (1997), UBC 7-4 (1997), NFPA 257, NFPA 80, ASTM E2010-01, ASTM E2074-00 and ULC CAN4-S106. Listing information is subject to change. This product is not considered a barrier to radiant heat and has not met ASTM E-119 or UL 263 test standards.

C2C Certified – Silver, Greener than the Rest

Pyran Platinum is the only fire-rated glass-ceramic to be Cradle to Cradle (C2C) Certified^{CM} — Silver. The certification can be used to earn credits for LEED® projects. C2C certifies products based on its use of environment ally-friendly materials, and low toxicity and recyclability during its manufacturing process. Platinum glazings are the only fire-rated glass-ceramics to be produced without the use of toxic heavy metals like antimony, arsenic or barium.



Labeling

After cutting, each lite of Pyran Platinum is permanently labeled according to code requirements. Labels include the product and manufacturer's name, UL Mark, fire rating, etc.

Storage and Handling

Handle Pyran Platinum glazings with care during transportation, storage and installation. Store lites stacked upright in dry conditions. Separate with an appropriate material, such as soft cork pads. Support the bottom edge along each lite's entire length.

Installation

Install Pyran Platinum glazings only in fire-rated frame and window assemblies with the same rating. Before installing, inspect each lite carefully. Sort out any lites with visible surface or edge damage. Glazing components and the stop height must be chosen according to the glazing's UL classification. Lites must be placed on calcium silicate or hardwood setting blocks and glazed using Pyran Platinum classified glazing tape (such as closed cell PVC, Fiberfrax tape or Pemko FG3000S90). Framed unit installations must comply with the frame supplier's instructions.

Maintenance and Care

Use a clean, non-abrasive cloth and mild soap or non-abrasive window cleaning solution to maintain the aesthetics of Pyran Platinum. After cleaning, rinse immediately with clean water. Use a squeegee to remove any excess water from the glass surface. Do not allow metal or hard parts of cleaning equipment to come in contact with the lite surface.