



Hose Stream Tested



Impact Safety Rated

# PYRAN® Platinum-L

## Features & Benefits

- Fire rated for 20 to 180 minutes with hose stream
- Laminated specially floated glass-ceramic
- Near optical quality with virtually no distortion
- Transparent and wireless
- Withstands thermal shock
- Applicable for use in fire rated frames with the same fire rating
- Tested to latest positive pressure standards as mandated by IBC and NFPA 5000
- Impact safety rating ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II)
- STC Rating approximately 36dB
- Maximum sheet sizes: approximately 43" X 77"

Please note: This product is not a barrier to radiant heat. This product does not meet test standards ASTM E-119, NFPA 251 or UL 263. If your jurisdiction requires a "barrier to heat" product, please contact InterEdge Technologies regarding the Pyrobel® line of fire rated glazings.

## Maximum Glazing Sizes (clear view)

	Width	Height	Max. Sq. In.	Stop Height
Doors (Non-Temp. Rise to 90-min.)	36"	75"	2,736"	5/8"
Doors (Temp. Rise & Non-Temp. Rise to 180-minutes)	12"	33"	100"	1/2"
Other Than Doors	75"	75"	3,143"	5/8"

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PYRAN® Platinum-L is a 3/8" (9 mm) fire rated glazing material is a laminated transparent glass-ceramic that is near optical quality with virtually no surface distortion. It is listed for use in safety-rated location such as door lites, transoms, sidelites and windows with fire rating requirements up to 90-minutes (180-minutes in doors).

PYRAN® Platinum uses an innovative, patented manufacturing process to produce an exceptional glass-ceramic specifically designed for the North American fire-rated glass market. And, this product is also the only fire-rated glass-ceramic that is made without the use of hazardous heavy metals—so it is environmentally friendly! PYRAN® Platinum is tested and listed by UL, and is an outstanding replacement product for wired glass applications.



## General Characteristics

	PYRAN® Platinum	PYRAN® Platinum-F	PYRAN® Platinum-L
Thickness	3/16" (5mm)	3/16" (5mm)	3/8" (9mm)
Weight/sq.ft.	2.5 lbs./sq.ft.	2.5 lbs./sq.ft.	4.0 lbs./sq.ft.
Approx. Visible Light transmission	80%	80%	73%
Safety rating	None	ANSI Z97.1 and CPSC 16 CFR 1201 (Cat. II)	ANSI Z97.1 and CPSC 16 CFR 1201 (Cat. II)
Fire rating	20 minutes to 180 minutes		
Surface Finish	Nearly invisible micro-structure	Mirror-like	Mirror-like

### LISTINGS

Listed and labeled by Underwriters Laboratories, Inc. for the United States and Canada with File No. R22036 (SCHOTT). All fire tests performed in accordance with UL 9, UL 10B, NFPA 252, NFPA 257, NFPA 80, ASTM E2010-01, ASTM E2074-00, ULC CAN4-S104, and ULC CAN4-S106.

### INSTALLATION AND CARE

PYRAN® Platinum 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 with visible edge or surface damage should be sorted out. All glazing components and the stop height must be chosen according to the PYRAN® Platinum UL classification. The panel 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. The installation of the framed unit must comply with the frame supplier's instructions.

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.

### STORAGE AND HANDLING

PYRAN® Platinum 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 uprights 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.

### QUALITY STANDARD

PYRAN® Platinum is a specially developed glass-ceramic that fulfills the 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. Failure to comply with any of the storage, handling, installation, and/or care guidelines may result in a loss of warranty.

### MANUFACTURERS LIMITED WARRANTY

Schott AG provides a manufacturers 5-year limited warranty for PYRAN® Platinum-L. This warranty provides for the replacement cost of the glass only. Call or write for complete warranty details.

### LABELING

All products are labeled bearing the manufacturers name, testing laboratory, fire rating and safety standards.

### SPECIFICATIONS

All glazing shall be designated on the drawings as 3/8" PYRAN® Platinum-L supplied by InterEdge Technologies. A complete 3-part CSI specification is available by calling toll-free (877) 376-3343, or by downloading [www.firesafe-glass.com](http://www.firesafe-glass.com).

### SIZING

Stop height 5/8" (1/2" for doorlites). Bite 3/8" (1/4" edge space around perimeter). Stop width with glazing tape 5/8" (3/8" glass thickness + 1/8" glazing tape on both sides of glass).



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