SCHOTT PYRAN® Platinum
Fire-Rated Glass-Ceramics

Description

PYRAN® Platinum fire-rated glass-ceramic products are the next generation of glass-ceramics. Produced by micro-float technology, PYRAN® Platinum fire-rated glass-ceramics, offer stunning optical quality with superior clarity and virtually no distortion. Designed especially for the North American market, PYRAN® Platinum is UL certified and passes the required hose stream test. PYRAN® Platinum is environmentally-friendly. It is the only fire-rated glass-ceramic that is made without the use of hazardous heavy metals antimony, arsenic and barium. Available in 3 versions: monolithic, filmed and laminated.

MONOLITHIC

PYRAN® Platinum monolithic fire-protection rated glazing material is 3/16" (5 mm). It is intended for use in non-impact, safety-rated locations such as transoms and windows with fire-rating requirements up to 90 minutes.

Characteristics
- Thickness: 3/16" (5 mm) • Weight: 2.5 lbs/ft^2 • True color rendition • Sheet sizes: 43" x 77"
- Impact rating: None • Conforms to positive pressure standards • Passes required hose stream test
- C2C Certified^{CM}—Silver

FILMED

PYRAN® Platinum F fire-protection rated and impact safety-rated glazing material is 3/16" (5 mm). It has a surface applied safety film and is intended for use in safety-rated locations such as door lites, transoms or sidelites, and windows with fire-rating requirements up to 90 minutes (up to180 minutes in doors).

Characteristics
- Thickness: 3/16" (5 mm) • Weight: 2.5 lbs/ft^2 • True color rendition • Sheet sizes: 43" x 77"
- Impact rating: ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II) • Conforms to positive pressure standards • Passes required hose stream test.

LAMINATED

PYRAN® Platinum L fire-protection rated and impact safety-rated glazing material is 3/8" (9 mm). It is intended for use in safety-rated locations such as door lites, transoms or sidelites, and windows with fire-rating requirements up to 90 minutes (up to 180 minutes in doors).

Characteristics
- Thickness: 3/8" (9 mm) • Weight: 4.0 lbs/ft^2 • True color rendition • Sheet sizes: 43" x 77"
- Impact rating: ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II) • STC rating: ~ 36 dB
- Conforms to positive pressure standards • Passes required hose stream test.
- C2C Certified^{CM}—Silver

SCHOTT PYRAN® Platinum Fire-Rated Glass-Ceramics

PYRAN® Platinum products are classified and labeled by Underwriters Laboratories, Inc. for the United States and Canada with File-No.R22036. All fire tests performed in accordance with UL9, UL10B, UL10C, UBC7-2 (1997), UBC7-4 (1997), NFPA252, NFPA257, NFPA80, ASTME2010-01, ASTME2074-00, ULCCAN4-S104, and ULCCAN4-S106.

	Rating (Minutes)	Location	Max. exposed area of glazing (in²)	Max. width of exposed glazing (inches)	Max. height of exposed glazing (inches)	Min. depth of glazing channel	Impact-Safety Rated
PYRAN® Platinum Monolithic	Up to 90	Other than doors	3,422 (23.7 ft²)	76	76	5/8"	No
PYRAN® Platinum F Filmed	Up to 90	Doors Non-Temp Rise	2,736 (19 FT²)	36	76	5/8"	Yes
	Up to 180	Doors Temp-Rise	100 (0.69 ft²)	12	33	1/2"	Yes
	Up to 90	Other than doors	3,422 (23.7 ft²)	76	76	5/8"	Yes
PYRAN® Platinum L Laminated	Up to 90	Doors Non-Temp Rise	2,736 (19 ft²)	36	75	5/8"	Yes
	Up to 180	Doors Temp-Rise	100 (0.69 ft²)	12	33	1/2"	Yes
	Up to 90	Other than doors	3,143 (21.8 ft²)	75	75	5/8"	Yes

Complete PYRAN® Fire-rated glass-ceramics product information is available at www.syracuseglass.com (FIRE-RATED GLASS – TECHNICAL DOCUMENTS Link) or by calling 800-962-3211

See "SGC Recommendations for Successful Use of Schott PYRAN Platinum F", "SGC Schott Platinum Cleaning Instructions" and "Schott Inspection Specifications" particularly with PYRAN Platinum F due to its surface applied film.

Specification:
Complete three-part CSI format specification list and product warranty information are both available at www.us.schott.com.

Available locally from:

SYRACUSE GLASS COMPANY

Certified to:

cradle to cradle
CERTIFIED
SILVER