



FLAMESHIELD SCHOTT PYRAN® Platinum

DESCRIPTION

SCHOTT PYRAN® Platinum is the world's first and only floated glass ceramic for fire resistant glazing. As a UL-certified glass ceramic PYRAN® Platinum meets the highest US standards for fire-resistance. This requires that the glass withstands thermal shock immediately following exposure to extremely high temperature. In the test, the hot glass is blasted with cold water at a very high pressure from a fire hose. PYRAN® Platinum offers fire protection up to 90 min in windows and 180 min in doors. It is clear and colorless, closely resembling normal architectural window glass, without the distracting orange/amber tint associated with competitive glass ceramics. This unique attribute is a result of carefully designed decolorization agents added to the glass melt. The composition of PYRAN® Platinum is stable and is not sensitive to exposure to UV light rays or heat. The glass ceramic is also available as filmed (PYRAN® Platinum F) and laminated (PYRAN® Platinum L) to meet impact requirements.

FG brings you this industry-leading fire-resistant glass under our FLAMESHIELD banner. With FG, you get the advantage of super-quick delivery time (typically under a week), as the glass is processed locally. Not just that, our expert team is on standby to provide you comprehensive support on the complete glazing solution.

PRODUCT FAMILY

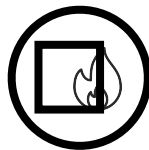
1. FLAMESHIELD SCHOTT PYRAN® Platinum: Monolithic fire-rated glass
2. FLAMESHIELD SCHOTT PYRAN® Platinum F: Monolithic fire-rated glass with film applied
3. FLAMESHIELD SCHOTT PYRAN® Platinum L: Laminated fire-rated glass

UNIQUE SELLING POINTS



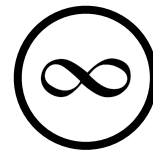
240 MINUTES

Up to 240 minutes fire-protection



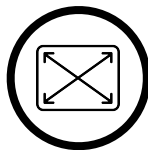
100% TRANSPARENCY

Remains transparent in fire conditions



DURABILITY

Unlimited life and fire-performance warranty



LARGEST GLASS SIZE

Maximum sheet size 1295 mm X
2515 mm available



FAST SERVICE

Same week delivery time



HOSE STREAM TESTED

Entire range is hose-stream tested as per UL norms

GENERAL CHARACTERISTICS

FIRE RATING (MINS)	LOCATION	MAX. EXPOSED GLAZING AREA	MAX. EXPOSED GLAZING WIDTH	MAX. EXPOSED GLAZING HEIGHT	MIN. GLAZING CHANNEL DEPTH	BUILDING CODE MARKING	IMPACT SAFETY RATED*
FLAMESHIELD SCHOTT PYRAN® Platinum – 5 MM							
Up to 90	Transom lites, sidelites, windows	4933" (3.194 m ²)	98 1/4" (2495 mm)	98 1/4" (2495 mm)	5/8" (16 mm)	OH-90	No
FLAMESHIELD SCHOTT PYRAN® Platinum F (FILMED) – 5 MM							
Up to 90	Doors (non-temp rise)	3708" (2.39 m ²)	37 3/4" (958 mm)	98 1/4" (2495 mm)	5/8" (16 mm)	D-H-NT-90	Yes
Up to 180	Doors (non-temp rise and temp rise)	100" (0.0645 m ²)	12" (305 mm)	33" (838 mm)	1/2" (12.7 mm)	D-H-NT-180	Yes
Up to 90	Other than doors	4933" (3.194 m ²)	98 1/4" (2495 mm)	98 1/4" (2495 mm)	5/8" (16 mm)	OH-90	Yes
FLAMESHIELD SCHOTT PYRAN® Platinum L (LAMINATED) – 9 MM							
Up to 90	Doors (non-temp rise)	2736" (1.765 m ²)	36" (914 mm)	75" (1905 mm)	5/8" (16 mm)	D-H-NT-90	Yes
Up to 180	Doors (non-temp rise and temp rise)	100" (0.0645 m ²)	12" (305 mm)	33" (838 mm)	1/2" (12.7 mm)	D-H-NT-180	Yes
Up to 90	Other than doors	3143" (2.027 m ²)	75" (1905 mm)	75" (1905 mm)	5/8" (16 mm)	OH-90	Yes
Appearance: Clear, without amber tint							
Additional Process Capability: Can be slightly sand-blasted							
Edge Type: Super polished							

*according to ANSI Z 97.1 and CPSC 16 CFR 1201 (Cat. I and II)

LABELING

Each piece of FLAMESHIELD SCHOTT PYRAN® Platinum shall be permanently labeled according to local building code requirements with product and manufacturer's name, UL certification mark, fire rating, etc.

LISTINGS

- Underwriters Laboratories, Inc. for the United States and Canada: File No. R22036
- All fire tests performed in accordance with UL9, UL10B, UL10C, UBC7-2 (1997), UBC7-4 (1997), NFPA252, NFPA257, NFPA80, ASTM E2010-01, ASTM E2074-00, ULCCAN4-S104 and ULCCAN4-S106.
- Warrington Fire Bodycote: Assessment Report Number 186096



your favourite
glass

TECHNICAL DATA SHEET

FLAMESHIELD SCHOTT PYRAN® Platinum (FGTDS/FR-03)

STORAGE

FLAMESHIELD SCHOTT PYRAN® Platinum should be stored vertically in a covered, dry area, unexposed to rain and dust. Each sheet or piece of FLAMESHIELD SCHOTT PYRAN® Platinum should be separated with the help of non-adhesive transferring cork/rubber pads. Prolonged storage without separation or with paper separation may result in permanent and irreversible damage to the glass surface.



Classified and labeled by Underwriters Laboratories, Inc.® and Underwriters Laboratories of Canada. Test report number for labeled fire-rated assemblies is UL File No. R22036. All above tests performed in accordance with UL 9, UL 10B, UL 10C, UBC 7-2 (1997), UBC 7-4 (1997), NFPA 257, NFPA 80, ASTM E2010-01, ASTM E2074-00, ULCCAN4 S-104 and ULCCAN4 S-106. This product is not considered a barrier to radiant heat and has not met the ASTM E-119 or UL 263 test standards. All listing information is subject to change. The current listing can be accessed in the UL directory under File #R22036 or upon request from SCHOTT.