

McGRORYGLASS



5/16" PYRAN® PLATINUM L

RATED FROM **20-180** MIN.

Smooth, proprietary, micro-floated surface, with neutral gray tone (no amber tint).



SCHOTT PYRAN® Platinum is Environmentally Friendly
McGrory Glass is Proudly Solar-Powered Since 2012



DESCRIPTION

PYRAN® Platinum L is a fire-protection-rated and impact-safety-rated glazing material with a thickness of approximately 5/16", made from a laminated glass-ceramic with a transparent appearance. 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, and up to 180 minutes in doors.

INNOVATION

- World's first and only floated glass-ceramic developed specifically for architectural applications
- Largest sheet size available in the industry at 51" x 99"

SAFETY

- Laminated floated glass-ceramic, impact safety-rated: meets ANSI Z97. 1 and CPSC 16CFR1201 (Cat. I and/or II)
- Fire-rated for up to 90 minutes with required hose-stream test
- Fire-rated for up to 180 minutes in doors with required hose-stream test
- Withstands thermal shock
- Passes positive pressure test standard UL 10C

APPEARANCE

- Neutral gray tone, with no amber tint
- Micro-float process allows for smooth surface and distortion-free finish
- Transparent and wireless

ENVIRONMENTALLY FRIENDLY

- Produced without hazardous heavy metals

DESIGN

- Can be used to construct insulated glazing units
- Can be lightly sandblasted or modified with surface-applied decorative or opacity films without affecting the fire rating or UL listing

Note: SCHOTT PYRAN® Platinum is fire-protective glazing and not considered a barrier to radiant heat. It does not meet ASTM E119 or UL 263 test standards. Contact McGrory for fire-resistive products that comply with temperature rise barrier to heat performance criteria

PRODUCT OVERVIEW

THICKNESS	WEIGHT	APPEARANCE	MAX SHEET SIZE	SURFACE	IMPACT SAFETY-RATED*	SOUND TRANSMISSION CLASS (STC)	HOSE-STREAM TEST
5/16"	4.3 lbs/ft ²	Neutral Gray Tone	51" x 99"	Float Glass Quality	Yes	36	Pass

TECHNICAL SPECIFICATIONS

RATINGS	APPLICATION	MAX EXPOSED AREA OF GLAZING	MAX WIDTH OF EXPOSED GLAZING	MAX HEIGHT OF EXPOSED GLAZING	MIN DEPTH OF GROOVE	GROOVE WIDTH	BUILDING CODE MARKING
up to 90 min.	Doors Non-Temp Rise	2736" (1.765 m ²)	36" (914 mm)	75" (1905 mm)	5/8" (16 mm)	5/8"	D-H-NT-90
up to 180 min.	Doors Temp-Rise and Non-Temp Rise	100" (0.0645 m ²)	12" (305 mm)	33" (838 mm)	1/2" (12.7 mm)	5/8" 1/2"	D-H-NT-180
up to 90 min.	Transom lites, sidelites, windows	3143" (2.027 m ²)	75" (1905 mm)	75" (1905 mm)	5/8" (16 mm)	5/8"	OH-90

Classified and labeled by Underwriters Laboratories, Inc.® and Underwriters Laboratories of Canada. Test report number for labeled fire-rated assemblies is UL File No. R21674. 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. All listing information is subject to change. The current listing can be accessed in the UL directory under File #R21674 or upon request from McGrory Glass.

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