

# Fire-Rated Glass

Fire-Protective



Fire-Rated glass is a specialty safety glazing designed to act as a barrier against the spread of flames and smoke for a specified duration, typically ranging from 20 to 180 minutes. Unlike standard glass, which can shatter at relatively low temperatures (around 250° F), fire-rated glass is engineered to withstand extreme heat and the thermal shock of water from fire hoses.

Manko is proud to offer **Pyran® Platinum F** (Filmed) and **Pyran® Platinum L** (Laminated) from Schott. The Pyran® Platinum products are a fire-protective and impact-safety-rated glazing material made from a transparent glass-ceramic. Manko stocks, cuts in-house, and delivers Pyran® Platinum Filmed and Laminated.

Fire-Protective Glass prevents the passage of flames and smoke but does not block radiant heat. Fire-Resistive Glass provides a full barrier against flames, smoke, and radiant heat, and must be installed into Fire-Resistive Framing.

For More Information Visit

[schott.com/en-us/products/fire-rated-glass-ceramics-p1000319](https://schott.com/en-us/products/fire-rated-glass-ceramics-p1000319)

or scan QR code below

**SCHOTT**





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 Manhattan, KS

## Pyran® Platinum F

Ratings	Applications	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	25.75 ft <sup>2</sup> (2.39 m <sup>2</sup> )	37 3/4" (958 mm)	98 1/4" (2495 mm)	5/8" (16 mm)	7/16" 3/8"	D-H-NT-90
Up to 180 Min.	Doors Temp and Non Temp Rise	0.69 ft <sup>2</sup> (0.0645 m <sup>2</sup> )	12" (305 mm)	33" (838 mm)	1/2" (12.7 mm)	7/16" 3/8"	D-H-NT-180
Up to 90 Min.	Other Than Doors	34.25 ft <sup>2</sup> (3.194 m <sup>2</sup> )	98 1/4" (2495 mm)	98 1/4" (2495 mm)	5/8" (16 mm)	7/16" 3/8"	OH-90

## Pyran® Platinum L

Ratings	Applications	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	19 ft <sup>2</sup> (1.765 m <sup>2</sup> )	37 3/4" (958 mm)	98 1/4" (2495 mm)	5/8" (16 mm)	5/8"	D-H-NT-90
Up to 180 Min.	Doors Temp and Non Temp Rise	0.69 ft <sup>2</sup> (0.0645 m <sup>2</sup> )	12" (305 mm)	33" (838 mm)	1/2" (12.7 mm)	5/8" 1/2"	D-H-NT-180
Up to 90 Min.	Other Than Doors	34.25 ft <sup>2</sup> (3.194 m <sup>2</sup> )	98 1/4" (2495 mm)	98 1/4" (2495 mm)	5/8" (16 mm)	5/8"	OH-90

Sheet Sizes: 51" x 99



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