

KCMZ.R25242 Fire-protection-rated Glazing Materials

[Page Bottom](#)

Fire-protection-rated Glazing Materials

[See General Information for Fire-protection-rated Glazing Materials](#)

SYRACUSE GLASS CO
1 GENERAL MOTORS DR
SYRACUSE, NY 13206 USA

R25242

1/4 in. thick wired glass.

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
1/3, 1/2 or 3/4 Hr	Doorframe, window, sidelite/transom with or without second piece of 1/4 in. thick tempered glass	1296	54	54	5/8	1/2	D-H-NT-20, OH-20, D-H-NT-30, OH-30, D-H-NT-45, OH-45
20 Min No Hose	Hollow Metal Door	3289	35-3/4	92	3/4	1/2	D-NH-NT-20
3/4 Hr	Transom Light	3456	96	36	5/8	1/2	D-H-NT-45
3/4 Hr	Sidelight or Window	4608	100	100	5/8	1/2	D-H-NT-45, OH-45
3/4 Hr	Hollow Metal Door	2856	34	84	5/8	1/2	D-H-NT-45
1-1/2 Hr	Hollow Metal Door	552	12	46	5/8	1/2	D-H-NT-90
1 Hr	Wood Door	960	12	80	5/8	1/2	D-H-NT-60
Rating	Location	Max Exposed Area of Glazing In. (mm)	Max Width of Exposed Glazing In. (mm)	Max Height of Exposed Glazing In. (mm)	Min Depth of Groove In. (mm)		
Schott Pyran S non-wired 5 mm thick glazing material installed with Fiberfrax tape, closed cell PVC or Pemko FG3000S45.							
20 min NH	Doors	3204 (20,672)	36 (914)	89 (2261)	3/4 (20)		
20 min NH	Sidelights, Transom Lights, Windows	7228 (46,635)	116-3/4 (2965)	116-3/4 (2965)	3/4 (20)		
Schott Pyran Crystal and Crystal F 5 mm thick glazing material installed with Fiberfrax tape or Pemko FG3000S90.							
60 min and 90 min	Doors Temp Rise	100 (645)	12 (305)	33 (838)	3/4 (20)		
60 min and 90 min	Door Non-Temp Rise	2736 (17,652)	36 (914)	76 (1930)	3/4 (20)		
60 min and 90 min	Sidelights, Transom Lights, Windows	3202 (20,659)	76 (1930)	76 (1930)	3/4 (20)		
Schott Pyran Star and Star F 5 mm thick glazing material installed with Fiberfrax tape or Pemko FG3000S90.							
60 min and 90 min	Doors Temp Rise	100 (645)	12 (305)	33 (838)	3/4 (20)		
60 min and 90 min	Door Non-Temp Rise	2736	36 (914)	76 (1930)	3/4 (20)		
60 min and 90 min	Sidelights, Transom Lights, Windows	3202 (20,659)	76 (1930)	76 (1930)	3/4 (20)		

Schott Pyran Crystal L laminated 8.6 mm thick glazing material installed with Pemko FG3000S90.					
60 min and 90 min	Doors Temp Rise	100 (645)	12 (305)	33 (838)	3/4 (20)
60 min	Doors Non-Temp Rise	2736 (17,652)	36(914)	76 (1930)	3/4 (20)
90 min	Doors Non-Temp Rise	2376 (15,330)	36 (914)	66 (1676)	3/4 (20)
60 min	Sidelights, Transom Lights, Windows	2786 (17,975)	66 (1676)	76 (1930)	3/4 (20)
90 min	Sidelights, Transom Lights, Windows	2786 (17,975)	66 (1676)	66(1676)	3/4 (20)

Note: All glazing materials also Classified in accordance with Uniform Building Code Standard 7-4, "Fire Tests of Window Assemblies", (1997).

Nom. 13/32 in. laminated Pilkington Pyroshield Plus Glazing Material. An * next to the application indicates that material is to be glazed with either Pemko FGL 3000 Tape or FG3000 Caulk.

An + next to the application indicates that material is to be glazed with Pemko FGL 3000 glazing tape.

Rating	Application	Max Expose Area in ²	Max Expose Width in.	Max Expose Height in	Depth of Groove in	Building Code Marking
¾ hr.	Window, Transoms, Sidelights-Pyroshield Plus-Diamond Pattern*	1296	36	36	5/8	D-H-NT-45
¾ hr.	Hollow Metal or Wood Fire Doors-Pyroshield Plus-Diamond or Georgian Pattern *	1296	24	54	5/8	D-H-NT-45
1 or 1-1/2 hr.	Wood or Hollow Metal Fire Doors-Pyroshield Plus-Diamond or Georgian Patternh+	100	20	20	5/8	D-H-NT-60, D-H-NT-90

Last Updated on 2006-10-20

[Questions?](#)

[Notice of Disclaimer](#)

[Page Top](#)

Copyright © 2008 Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2008 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.

