



KCMZ.R22036 Fire-protection-rated Glazing Materials

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Fire-protection-rated Glazing Materials

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SCHOTT TECHNICAL GLASS SOLUTIONS GMBH
OTTO SCHOTT STR 13
07745 JENA, GERMANY

R22036

Fire-protection-rated glazing materials

Product designation: SCHOTT PYRAN® S **

Thickness: 5 mm (3/16 in.)

Glazing compound: Fiberfrax tape, closed cell PVC, Pemko FG3000S45

Furnace pressure: Positive

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
20 min NH	Doors	3204	36	89	3/4	7/16 / 11/32*	D-NH-NT-20
20 min NH	Sidelights, Transom Lights, Windows	7228	116-3/4	116-3/4	3/4	7/16 / 11/32*	NH-NT-20, OH-20

Product designation: SCHOTT PYRAN® Star, Star L, Star F, Crystal F **

Thickness: 5 mm (3/16 in.)

Glazing compound: Fiberfrax tape, closed cell PVC, Pemko FG3000S90

Furnace pressure: Positive

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
60 and 90 min	Doors Temp Rise	100	12	33	5/8	7/16 / 11/32 *	D-H-NT-90, D-H-NT-60
60 and 90 min	Door Non-Temp Rise	2736	36	76	5/8	7/16 / 11/32 *	D-H-NT-90, D-H-NT-60
60 and 90 min	Sidelights, Transom Lights, Windows	3202	76	76	5/8	7/16 / 11/32*	OH-90, OH-60, D-H-NT-60, D-H-NT-90

Product designation: SCHOTT PYRAN®, Crystal L **

Thickness: 8.6 mm (5/16 in.)

Glazing compound: Pemko FG3000S90

Furnace pressure: Positive

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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
60 and 90 min	Doors Temp Rise	100	12	33	3/4	1/2 *	D-H-NT-90, D-H-NT-60
60 min	Doors Non-Temp Rise	2736	36	76	3/4	1/2 *	D-H-NT-60
90 min	Doors, Non-Temp Rise	2376	36	66	3/4	1/2 *	D-H-NT-90
180 min	Doors Temp Rise and Non-Temp Rise	100	12	12	1/2	1/2 *	D-H-NT-180, D-H-NT-180
60 min	Sidelights, Transom Lights, Windows	2786	66	76	3/4	1/2 *	DH-NT-60, OH-60
90 min	Sidelights, Transom Lights, Windows	2786	66	66	3/4	1/2 *	D-H-NT-90, OH-90
60 and 90 min	Doors Non-Temp Rise	1521	36	42-1/4	5/8	1/2	D-H-NT-90
60 and 90 min	Sidelights, Transom Lights, Windows	3208	75-3/4	42-1/4	5/8	1/2	DH-NT-90, OH-90, D-H-NT-60, OH-60

Product designation: SCHOTT PYRAN® Platinum, Platinum F **

Thickness: 5 mm (3/16 in.)

Glazing compound: Fiberfrax tape, closed cell PVC, Pemko FG3000S90

Furnace pressure: Positive

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
180 min	Doors Temp Rise and Non-Temp Rise	100	12	33	1/2	7/16 / 3/8 *	D-H-NT-180
60 and 90 min	Doors Non-Temp Rise	2736	36	76	5/8	7/16/ 3/8 *	D-H-NT-90, D-H-NT-60
60 and 90 min	Transom Lights, Sidelights, Windows	3422	76	76	5/8	7/16 / 3/8 *	D-H-NT-90, OH-90, D-H-NT-60, OH-60

Product designation: SCHOTT PYRAN® Platinum L **

Thickness: 9 mm(3/8 in.)

Glazing compound: Fiberfrax tape, closed cell PVC, Pemko FG3000S90

Furnace pressure: Positive

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
180min	Doors Temp Rise and Non-Temp Rise	100	12	33	1/2	5/8 / 1/2 *	D-H-NT-180
60 and 90 min	Doors Non-Temp Rise	2736	36	75	5/8	5/8	D-H-NT-60, D-H-NT-90
60 and 90 min	Transom Lights, Sidelights, Windows	3143	75	75	5/8	5/8	D-H-NT-60, OH-60, D-H-NT-90, OH-90

*- Groove Width for use with Pemko FG3000S90.

** - All glazing materials can be used to construct Insulated Glazing Units.

Note: All glazing materials are also Classified in accordance with UL 9, "Positive Pressure Conditions."

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