



PYROSWISS 45 LOW-IRON

Fire-Rated Clear Highly Tempered Safety Glass

CLASSIFICATION

Fire Protective

This glass product can withstand fire exposure to the non-fire side and protects from flames, smoke and hot gases.



Impact Safety

Impact safety rated to meet the highest human impact safety ratings.



Hose Stream

This product has passed the hose stream test.

AVAILABLE OPTIONS



+ Shapes



+ Extra clear

Contact us for a personalized solution to meet your product requirements.

Listed and labeled with UL Solutions UL File Number R14515

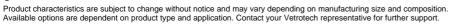
TECHNICAL SPECIFICATIONS

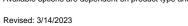
Fire Rating	45 min
US / Canada Standards	UL 9,10B,10C; CAN/ULC S104,S106; NFPA 80,252,257
Building code markings	D-H-45; OH-45
Impact Safety Rating	ANSI Z97.1, CPSC 16CFR 1201-CAT II, CAN/CGSB - 12.1-M90
Application	Interior
Product	PYROSWISS 45
Nominal Thickness	3/4 in. (19 mm)
Groove Width/Depth	1 in., 5/8 in. (25.4 mm, 15.9 mm)
Edge Cover	1/2 in. (12.7 mm)
Weight	9.73 lbs/sq. ft (47.5 kg/sq. m)
STC/OITC rating (ASTM E 413/E 1332)	39 / 34
Visible transmittance (NFRC 200)	90%
Light reflection pL ext./int. (CIE)	8 % / 8 %
Solar heat gain coefficient (NFRC 200)	0.88
Shading coefficient (NFR 200)	1.01
Energy transmission (NFRC 300)	86 %
Door, Non-Temp Rise: max exposed (W x H, A)	35-7/16in. x 95-1/2in., 3384 sq. in. (0.9m x 2.43m, 2.19 sq. m)
Windows, Transoms, Sidelites (W x H, A)	95-1/2in. x 95-1/2in., 3414 sq. in. (2.43m x 2.43m, 2.20 sq. m)

^{**} Low-Iron glass available upon request











^{*} Height multiplied by width cannot exceed maximum exposed area