

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)

* Height multiplied by width cannot exceed maximum exposed area

** Low-Iron glass available upon request

