

# PYROSWISS 45

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)

81%

### Light reflection pL ext./int. (CIE)

7 % / 7 %

### Solar heat gain coefficient (NFRC 200)

0.67

### Shading coefficient (NFR 200)

0.78

### Energy transmission (NFRC 300)

55 %

### 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

