

PYROSWISS®

Fire resistant safety glass for interior application

CLASSIFICATION

E = Integrity

Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames or hot gases, thereby causing ignition of the non-fire exposed surface or materials adjacent.

PRODUCT FEATURES

Fire resistant toughened safety glass



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)

Reaction to fire (EN 13501-1)

Maximum Glass Size

Thickness tolerance

Length tolerance

Impact resistance (EN 12600)

CE certificate No. of conformity

Hazardous material contained

E 30

A1

Variable, subject to glass make-up, framing material or glazed element type.
Consult with your Vetrotech representative.

±0.2 mm for 6 mm

±0.3 mm for 8,10 and 12 mm

±2 mm

1 (C) 1 classification

0336-CPD-5064A/ID No.* (you can obtain a CPIP** from your national sales office)

None

Nominal thickness

Weight

Sound reduction R_w (EN 140-3)

Light transmission (EN 410)

Light reflection ρ_L (exterior/interior)

U value, W/m^2K (EN 673)

g value

Energy transmission τ_E

Energy reflection ρ_E (exterior/interior)

6 mm

15 kg/m²

32 dB

89%

8%/8%

5,7

0,84

81%

7%/7%

8 mm

20 kg/m²

34 dB

88%

8%/8%

5,7

0,82

78%

7%/7%

10 mm

25 kg/m²

36 dB

88%

8%/8%

5,6

0,80

75%

7%/7%

12 mm

30 kg/m²

37 dB

87%

8%/8%

5,5

0,78

72%

7%/7%

* ID No. = Identification number for the relevant manufacturing site

** Characteristic Performance Identification Paper