

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)	E 30
Reaction to fire (EN 13501-1)	A1
Maximum Glass Size	Variable, subject to glass make-up, framing material or glazed element type. Consult with your Vetrotech representative.
Thickness tolerance	±0.2 mm for 6 mm ±0.3 for 8, 10 and 12 mm ±0.5 mm for 15 mm
Length tolerance	±2 mm
Impact resistance (EN 12600)	1 (C) 1 classification
CE certificate No. of conformity	0336-CPR-5064F/ID No.* (you can obtain a DoP** from your national sales office) - AoC-level 1
Heat Soak Test	available upon request
Hazardous material contained	None

Nominal thickness	6 mm	8 mm	10 mm	12 mm	15 mm
Weight	15 kg/m ²	20 kg/m ²	25 kg/m ²	30 kg/m ²	38 kg/m ²
Sound reduction R _w (EN 140-3)	32 dB	34 dB	36 dB	37 dB	38 dB
Light transmission (EN 410)	89%	88%	88%	87%	86%
Light reflection ρ _L (exterior/interior)	8%/8%	8%/8%	8%/8%	8%/8%	8%/8%
U value, W/m ² K (EN 673)	5,7	5,6	5,6	5,5	5,4
g value	0,84	0,82	0,80	0,77	0,75
Energy transmission τE	82%	79%	76%	72%	69%
Energy reflection ρE (exterior/interior)	7%/7%	7%/7%	7%/7%	7%/7%	7%/7%

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

** Declaration of Performances