

PYROSWISS® Climaplus

Fire resistant safety glass for interior and exterior 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 with low emission and/or solar control properties

Inner pane
Toughened glass or Float glass

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)

Reaction to fire (EN 13501-1)

Maximum Glass Size

Thickness tolerance

Length tolerance

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.

± 1 mm

± 2 mm

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

None

Nominal thickness

24 mm

26 mm

Fire Risk	one side	both sides
Outer pane	6 mm PYROSWISS® low-e	6 mm PYROSWISS® low-e
Spacer	12 mm with Air filling	14 mm with Argon gas filling
Inner pane	6 mm toughened glass	6 mm PYROSWISS® low-e
Impact resistance (EN 12600) (outside/inside)	1 (C) 1/1 (C) 2 classification	1 (C) 1/1 (C) 1 classification
Weight	31 kg/m ²	31 kg/m ²
Sound reduction R _w (EN 140-3)	33 dB***	33 dB***
Light transmission (EN 410)	73%	77%
Light reflection ρ _L (exterior/interior)	16%/17%	8%/8%
U value, W/m ² K (EN 673)	1,9	1,1
g value	0,64	0,53
Energy transmission τ _E	56%	45%
Energy reflection ρ _E (exterior/interior)	14%/15%	23%/23%

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

** Characteristic Performance Identification Paper

*** Reference Value