

PYROSWISS® Climaplus

Fire resistant safety glass for interior and exterior application

CLASSIFICATION

E = Integrity

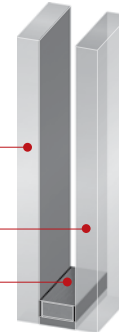
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames or hot gases, thereby causing ignition of the non-fire exposed surface or materials adjacent.

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)	E 30
Reaction to fire (EN 13501-1)	B-s1, d0
Maximum Glass Size	Variable, subject to glass make-up, framing material or glazed element type. Consult with your Vetrotech representative.
Thickness tolerance	± 1 mm
Length tolerance	± 2 mm
CE certificate No. of conformity	0336-CPD-5064D/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	24 mm
Fire Risk	one side
Outer pane	6 mm PYROSWISS®
Spacer	12 mm with Air filling
Inner pane	6 mm toughened glass
Impact resistance (EN 12600) (outside/inside)	1 (C) 1/1 (C) 2 classification
Weight	31 kg/m ²
Sound reduction R _w (EN 140-3)	33 dB***
Light transmission (EN 410)	78%
Light reflection ρ _L (exterior/interior)	12%/12%
U value, W/m ² K (EN 673)	1,6
g value	0,57
Energy transmission τE	52%
Energy reflection ρE (exterior/interior)	24%/25%

* ID No. = Identification number for the relevant manufacturing site
 ** Declaration of Performances
 *** Reference Value

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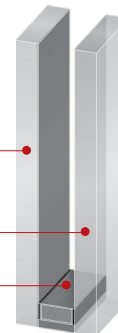
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Reaction to fire (EN 13501-1)

Maximum Glass Size

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Heat Soak Test

Hazardous material contained

E 30

B-s1, d0

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± 1 mm

± 2 mm

0336-CPD-5064D/ID No.* (you can obtain a DoP** from your national sales office) - AoC-level 1

available upon request

None

Nominal thickness

Fire Risk

Outer pane

Spacer

Inner pane

Impact resistance (EN 12600) (outside/inside)

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 τE

Energy reflection ρE (exterior/interior)

26 mm

both sides

6 mm PYROSWISS®

14 mm with Argon gas filling

6 mm PYROSWISS®

1 (C) 1/1 (C) 1 classification

31 kg/m^2

33 dB***

78%

12%/12%

1,1

0,57

52%

24%/25%

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