

CONTRAFLAM® 60-3 Climaplus

Fire resistant safety glass for interior and exterior application

CLASSIFICATION

EI = Integrity + Insulation

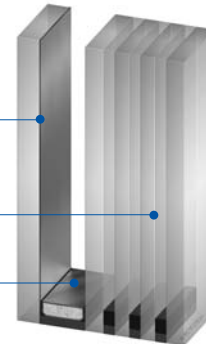
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

PRODUCT FEATURES

Outer pane with low emission and/or solar control properties

Fire resistant safety glass CONTRAFLAM® 60-3, 27 mm or 29 mm

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)

Fire behaviour (EN 13501-1)

Maximum Glass Size

Thickness tolerance

Length tolerance

Impact resistance (EN 12600)

UV stability (EN ISO 12543-4 point 6)

Application Conditions

CE certificate No. of conformity

Hazardous matters contained

EI 60

B-s1, d0

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

±3 mm

±2 mm

1 (B) 1 classification

In addition to the standard specifications: no formation of bubbles or yellowing after 2000 hours of exposure to radiation.

Avoid prolonged exposure to extreme temperatures. Exterior applications must be supplied as an IGU with Low-E or Solar Control coating. For more information consult your Vetrotech representative or refer to "Quality Guideline, Application Conditions".

0336-CPD-5064D/ID N0.* (you can obtain a DoP** from your national sales office) - AoC-level 1

None

Element thickness

47 mm

49 mm

Glass size per thickness

≤ 1500 mm x 2500 mm

≤ 1500 mm x 3000 mm

Outer pane

6 mm Planitherm

6 mm Planitherm

Ultra N II toughened

Ultra N II toughened

Spacer

14 mm with Argon gas filling

14 mm with Argon gas filling

Inner pane

CONTRAFLAM® 60-3, 27 mm

CONTRAFLAM® 60-3, 29 mm

Weight

75 kg/m²

80 kg/m²

Sound reduction R_w (EN 140-3)

NPD***

NPD***

Light transmission (EN 410)

72%

71%

Light reflection ρ_L (exterior/interior)

13%/13%

13%/13%

U value, W/m²K (EN 673)

1,1

1,1

g value

0,55

0,55

Energy transmission τ_E

42%

41%

Energy reflection ρ_E (exterior/interior)

25%/12%

25%/12%

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

** Declaration of Performances

*** NPD = No Performance Declared