

CONTRAFLAM® 60 Climaplus*

Fire resistant safety glass for interior and exterior application

CLASSIFICATION

EI = Integrity + Insulation

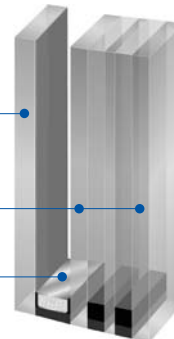
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

PRODUCT FEATURES

Outer pane with low emission and/or solar control properties

Fire resistant safety glass CONTRAFLAM® 60, 25 mm, 29 mm or 33 mm

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)

Reaction to fire (EN 13501-1)

Maximum Glass Size

Thickness tolerance

Length tolerance

UV stability (EN ISO 12543-4 point 6)

Application Conditions

CE certificate No. of conformity

Hazardous material 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

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 No.** (you can obtain a DoP*** from your national sales office) - AoC-level 1

None

Nominal thickness

Glass size per thickness

Outer pane

Spacer

Inner pane

Impact resistance (EN 12600) (outside/inside)

Weight

Sound reduction Rw (EN 140-3)

Light transmission (EN 410)

Light reflection pL (outside/inside)

U value, W/m²K (EN 673)

g value

Energy transmission τE

Energy reflection pE (outside/inside)

45 mm

≤ 1500 mm x 2500 mm

6 mm Planitherm

Ultra N II toughened

14 mm with Argon gas filling

CONTRAFLAM® 60, 25 mm

1 (C) 2/CF: 1 (B) 1 classification

67 kg/m²

43 dB

73%

13%/13%

1,1

0,55

44%

25%/12%

48 mm

≤ 1800 mm x 3500 mm

6 mm Planitherm

Ultra N II toughened

14 mm with Argon gas filling

CONTRAFLAM® 60, 29 mm

1 (C) 2/CF: 1 (B) 1 classification

75 kg/m²

44 dB****

72%

13%/12%

1,1

0,55

42%

25%/11%

53 mm

≤ 1800 mm x 3500 mm

6 mm Planitherm

Ultra N II toughened

14 mm with Argon gas filling

CONTRAFLAM® 60, 33 mm

1 (C) 2/CF: 1 (B) 1 classification

87 kg/m²

46 dB****

71%

13%/12%

1,1

0,55

40%

25%/11%

* in conformance with a 4 mm and 6 mm float and toughened glass; other combinations possible

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

*** Declaration of Performances

**** Reference Value