

CONTRAFLAM® 90-4 Climaplus

Fire resistant safety glass for interior and exterior application

CLASSIFICATION

EI = Integrity +
Insulation

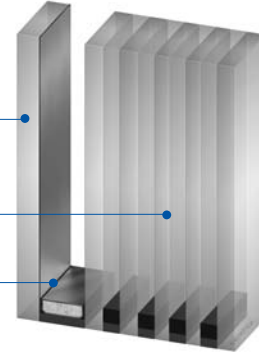
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

PRODUCT FEATURES

Outer pane
with low emission and/or
solar control properties

Fire resistant safety glass
CONTRAFLAM® 90-4, 40 mm

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)

Reaction to fire (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 material contained

EI 90

B-s1, d0

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

±4 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 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

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 τ_E

Energy reflection ρ_E (exterior/interior)

60 mm

1500 mm x 2500 mm

6 mm Planitherm Ultra N II toughened

14 mm with Argon gas filling

CONTRAFLAM® 90-4, 40 mm

98 kg/m²

NPD***

69%

14%/13%

1,0

0,54

39%

25%/11%

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

** Declaration of Performances

*** NPD = No Performance Declared