

CONTRAFLAM[®] 120

Fire resistant safety glass for interior application

CLASSIFICATION

EI = Integrity + Insulation

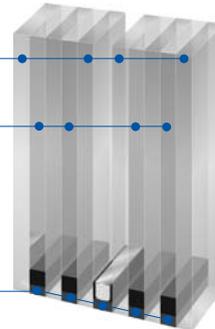
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

PRODUCT FEATURES

Toughened safety glass

Intumescent Interlayer

Edge Sealant



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 120

B-s1, d0

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

+3/-2 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

60 mm

64 mm

Glass size per thickness

≤ 1500 mm x 2500 mm

≤ 1500 mm x 3000 mm

Weight

108 kg/m²

118 kg/m²

Sound reduction R_w (EN 140-3)

46 dB

46 dB

Light transmission (EN 410)

68%

68%

Light reflection ρ_L (exterior/interior)

15%/15%

15%/15%

U value, W/m²K (EN 673)

2,2

2,2

g value

0,51

0,52

Energy transmission τ_E

39%

40%

Energy reflection ρ_E (exterior/interior)

10%/10%

11%/11%

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

** Declaration of Performances