

CONTRAFLAM[®] STRUCTURE 90

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.

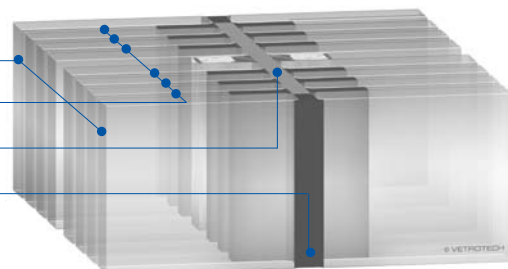
PRODUCT FEATURES

Fire resistant safety glass
in a toughened safety glass make-up

Edge Sealant

Intumescent material***

Silicone Sealant***



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)

Reaction to fire (EN 13501-1)

Production height (Standard/Maximum)

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

Assembly

EI 90

B-s1, d0

≤ 3210 mm/≤ 3800 mm

Variable, subject to glass make-up, framing material or glazed element type. Refer to applicable fire test evidence, national certification and EXAP allowance. 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 No.* (you can obtain a DoP** from your national sales office) - AoC-level 1

None

According to the instruction guideline

Nominal thickness

Glass size per thickness

Weight (max. 500 kg/pane)

Sound reduction R_w (EN 140-3)

Light transmission (EN 410)

Light reflection p_L (outside/inside)

U value, W/m^2K (EN 673)

g value

Energy transmission τ_E

Energy reflection p_E (outside/inside)

70 mm

≤ 1500 mm x 3000 mm

138 kg/m²

46 db

65%

16%/16%

2,2

0,49

36%

11% 11%

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

** Declaration of Performances

*** Use only approved material according the instruction guideline