

# CONTRAFLAM<sup>®</sup> 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.

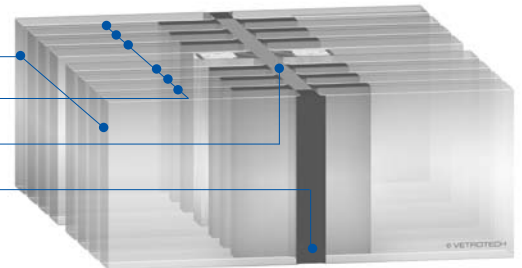
## PRODUCT FEATURES

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)

### 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

### Application Conditions

CE certificate No. of conformity
Hazardous material contained
Assembly

### Nominal thickness

### 70 mm

Glass size per thickness
Weight (max. 500 kg/pane)
Sound reduction $R_w$ (EN 140-3)
Light transmission (EN 410)
Light reflection $\rho_L$ (outside/inside)
U value, $W/m^2K$ (EN 673)
g value
Energy transmission $\tau_E$
Energy reflection $\rho_E$ (outside/inside)

≤ 1500 mm x 3000 mm
138 kg/m <sup>2</sup>
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