

# CONTRAFLAM® STRUCTURE 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.

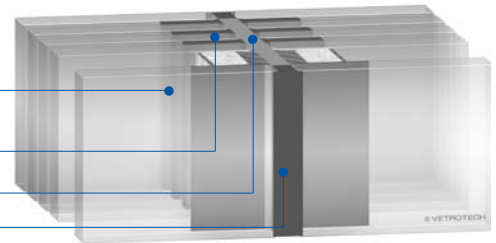
### PRODUCT FEATURES

Outer pane  
with low emission and/or  
solar control properties

Fire resistant safety glass  
CONTRAFLAM® STRUCTURE 60

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 60

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

#### 51 mm

Glass size per thickness

≤ 1500 mm x 3000 mm

Outer pane

6 mm Planitherm Ultra N II toughened

Spacer

14 mm with Argon gas filling

Inner pane

CONTRAFLAM® STRUCTURE 60, 31 mm

Weight (max. 500 kg/pane)

85 kg/m<sup>2</sup>

Sound reduction  $R_w$  (EN 140-3)

NPD\*\*\*\*

Light transmission (EN 410)

70%

Light reflection  $\rho_L$  (outside/inside)

13%/13%

U value, W/m<sup>2</sup>K (EN 673)

1,1

g value

0,55

Energy transmission  $\tau_E$

40%

Energy reflection  $\rho_E$  (outside/inside)

25%/11%

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

\*\* Declaration of Performances

\*\*\* Use only approved material according the instruction guideline

\*\*\*\* NPD = No Performance Declared