

# CONTRAFLAM<sup>®</sup> 45

## Fire resistant safety glass for interior application

### CLASSIFICATION

**EI** = Integrity +  
Insulation

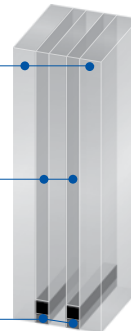
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

### PRODUCT FEATURES

Toughened safety glass

Intumescent Interlayer

Edge Sealant



### TECHNICAL SPECIFICATIONS

#### Fire resistance (EN 13501-2)

Fire behaviour (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 matters contained

**EI 45**

A2-s1, d0

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

±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-5064C/ID N0.\* (you can obtain a DoP\*\* from your national sales office) - AoC-level 1

None

#### Element thickness

**20 mm**

**21 mm**

**23 mm**

Glass size per thickness

≤ 1500 mm x 2500 mm

≤ 1500 mm x 3000 mm

≤ 1500 mm x 3000 mm

Weight

44 kg/m<sup>2</sup>

47 kg/m<sup>2</sup>

52 kg/m<sup>2</sup>

Sound reduction R<sub>w</sub> (EN 140-3)

41 dB

41 dB

NPD\*\*\*\*

Light transmission (EN 410)

84%

84%

83%

Light reflection ρ<sub>L</sub> (exterior/interior)

9%/9%

9%/9%

9%/9%

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

4,7

4,7

4,6

g value

0,68

0,68

0,66

Energy transmission τ<sub>E</sub>

61%

60%

58%

Energy reflection ρ<sub>E</sub> (exterior/interior)

8%/8%

7%/7%

7%/7%

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

\*\* Declaration of Performances

\*\*\* NPD = No Performance Declared