

CONTRAFLAM® LITE 90

Fire resistant safety glass for interior application

CLASSIFICATION

EW = Integrity +
Radiation reduction

Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames or hot gases, thereby causing ignition of the non-fire exposed surface or materials adjacent. Also maintains radiated heat in front of the glazing below a specified level to provide for safer separation distances and escape ways.

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

EW 90/EI 15

A2-s1, d0

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

+2/-1 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 No.* (you can obtain a DoP** from your national sales office) - AoC-level 1

None

Nominal thickness

14 mm

16 mm

20 mm

Glass size per thickness

≤ 1500 mm x 3000 mm

≤ 1800 mm x 3500 mm

≤ 2300 mm x 3800 mm

Weight

31 kg/m²

36 kg/m²

46 kg/m²

Sound reduction R_w (EN 140-3)

38 dB

NPD***

40 dB

Light transmission (EN 410)

86%

86%

84%

Light reflection p_L (exterior/interior)

9%/9%

9%/9%

8%/8%

U value, W/m²K (EN 673)

5,0

5,0

4,9

g value

0,71

0,71

0,68

Energy transmission τ_E

64%

64%

61%

Energy reflection p_E (exterior/interior)

7%/7%

7%/7%

7%/7%

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

** Declaration of Performances

*** NPD = No Performance Declared