

CONTRAFLAM® 60 Climatop

Fire resistant safety glass for interior and exterior application

CLASSIFICATION

EI = Integrity + Insulation

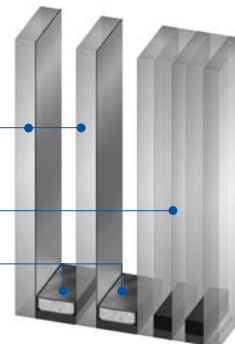
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

PRODUCT FEATURES

Outer pane with low emission and/or solar control properties

Fire resistant safety glass CONTRAFLAM® 60, 25 mm

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)

Reaction to fire (EN 13501-1)

Maximum Glass Size

Thickness tolerance

Length tolerance

UV stability (EN ISO 12543-4 point 6)

Application Conditions

CE certificate No. of conformity

Hazardous material contained

EI 60

B-s1, d0

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

±3,5 mm

±2 mm

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

Nominal thickness

	61 mm		57 mm	
Outer pane	6 mm toughened glass w/ Planitherm Ultra N II		6 mm toughened glass w/ Planitherm ONE II	
Spacer	12 mm with Argon gas filling	10 mm with Krypton gas filling	12 mm with Argon gas filling	10 mm with Krypton gas filling
Inner pane	CONTRAFLAM® 60, 25 mm		CONTRAFLAM® 60, 25 mm	
Impact resistance (EN 12600) (outside/inside)	1 (C) 2/1 (B) 1 classification		1 (C) 2/1 (B) 1 classification	
Weight	83 kg/m ²		83 kg/m ²	
Sound reduction Rw (EN 140-3)	NPD***		NPD***	
Light transmission (EN 410)	65%		53%	
Light reflection pL (outside/inside)	16%/15%		31%/28%	
U value, W/m ² K (EN 673)	0,7	0,5	0,7	0,5
g value	0,47		0,35	
Energy transmission τE	34%		26%	
Energy reflection ρE (outside/inside)	28%/15%		42%/23%	

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

** Declaration of Performances

*** NPD = No Performance Declared