CONTRAFLAM® 30 Climatop

Fire resistant safety glass for interior and exterior application

CLASSIFICATION

EI = Integrity + Insulation

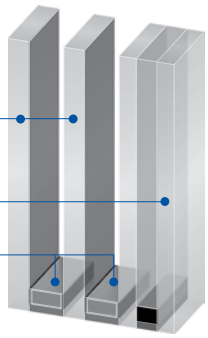
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

PRODUCT FEATURES

Outer pane
with low emission and/or
solar control properties

Fire resistant safety glass
CONTRAFLAM® 30, 16 mm

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)	EI 30
Reaction to fire (EN 13501-1)	B-s1, d0
Maximum Glass Size	Variable, subject to glass make-up, framing material or glazed element type. Consult with your Vetrotech representative.
Thickness tolerance	+3,5/-2,5 mm
Length tolerance	±2 mm
UV stability (EN ISO 12543-4 point 6)	In addition to the standard specifications: no formation of bubbles or yellowing after 2000 hours of exposure to radiation.
Application Conditions	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".
CE certificate No. of conformity	0336-CPD-5064D/ID No.* (you can obtain a DoP** from your national sales office) - AoC-level 1
Hazardous material contained	None

Nominal thickness	52 mm	48 mm	52 mm	48 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® 30, 16 mm		CONTRAFLAM® 30, 16 mm	
Impact resistance (EN 12600) (outside/inside)	1 (C) 2/1 (B) 1 classification		1 (C) 2/1 (B) 1 classification	
Weight	65 kg/m²		65 kg/m²	
Sound reduction Rw (EN 140-3)	NPD***		NPD***	
Light transmission (EN 410)	67%		54%	
Light reflection ρL (outside/inside)	15%/15%		31%/29%	
U value, W/m²K (EN 673)	0,7	0,5	0,7	0,5
g value	0,47		0,35	
Energy transmission τE	36%		28%	
Energy reflection ρE (outside/inside)	28%/17%		42%/27%	

* ID No. = Identification number for the relevant manufacturing site
** Declaration of Performances
*** NPD = No Performance Declared

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