CONTRAFLAM® 30-2 Climaplus

Fire resistant safety glass for interior and exterior application

CLASSIFICATION

EI = Integrity + Insulation

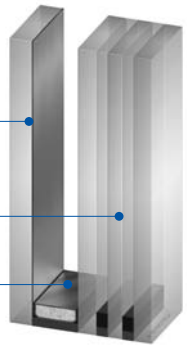
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

PRODUCT FEATURES

Outer pane
with low emission and/or
solar control properties

Fire resistant safety glass
CONTRAFLAM® 30-2, 20 mm or 21 mm

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)	EI 30
Fire behaviour (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 mm
Length tolerance	±2 mm
Impact resistance (EN 12600)	1 (B) 1 classification
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 N0.* (you can obtain a DoP** from your national sales office) - AoC-level 1
Hazardous matters contained	None

Element thickness	40 mm	41 mm
Glass size per thickness	≤ 1500 mm x 2500 mm	≤ 1500 mm x 3000 mm
Outer pane	6 mm Planitherm Ultra N II toughened	6 mm Planitherm Ultra N II toughened
Spacer	14 mm with Argon gas filling	14 mm with Argon gas filling
Inner pane	CONTRAFLAM® 30-2, 20 mm	CONTRAFLAM® 30-2, 21 mm
Weight	60 kg/m^2	63 kg/m^2
Sound reduction R_w (EN 140-3)	44 dB***	44 dB***
Light transmission (EN 410)	74%	74%
Light reflection ρL (exterior/interior)	13%/13%	13%/13%
U value, W/m^{2}K (EN 673)	1,1	1,1
g value	0,55	0,55
Energy transmission τE	44%	44%
Energy reflection ρE (exterior/interior)	25%/13%	25%/13%

* ID No. = Identification number for the relevant manufacturing site
** Declaration of Performances
*** Refernce Value