CONTRAFLAM® STRUCTURE 30

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.

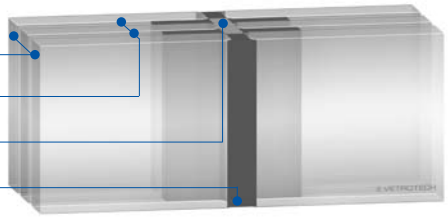
PRODUCT FEATURES

Fire resistant safety glass in a toughened safety glass make-up

Edge Sealant

Intumescent material***

Silicone Sealant***



TECHNICAL SPECIFICATIONS

Fire resistance (EN 13501-2)	EI 30
Reaction to fire (EN 13501-1)	A2-s1, d0
Production height (Standard/Maximum)	≤ 3210 mm/≤ 3800 mm
Maximum Glass Size	Variable, subject to glass make-up, framing material or glazed element type. Refer to applicable fire test evidence, national certification and EXAP allowance. Consult with your Vetrotech representative.
Thickness tolerance	±2 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-5064C/ID No.* (you can obtain a DoP** from your national sales office) - AoC-level 1
Hazardous material contained	None
Assembly	According to the instruction guideline

Nominal thickness	23 mm	28 mm	30 mm
Glass size per thickness	≤ 1500 mm x 3000 mm	≤ 1800 mm x 3500 mm	≤ 2300 mm x 3800 mm
Weight (max. 500 kg/pane)	52 kg/m^2	64 kg/m^2	69 kg/m^2
Sound reduction Rw (EN 140-3)	42 dB	43 dB	43 dB
Light transmission (EN 410)	83%	81%	80%
Light reflection ρL (outside/inside)	9%/9%	9%/9%	9%/9%
U value, W/m^{2}K (EN 673)	4,6	4,5	4,5
g value	0,66	0,64	0,62
Energy transmission τE	58%	54%	53%
Energy reflection ρE (outside/inside)	7%/7%	7%/7%	7%/7%

* ID No. = Identification number for the relevant manufacturing site
** Declaration of Performances
*** Use only approved material according the instruction guideline

vetrotech SAINT-GOBAIN