Fire resistant safety glass for interior application

CLASSIFICATION

PRODUCT FEATURES

EI

= Integrity + Insulation

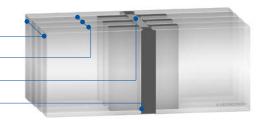
Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

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

Edge Sealant

Intumescent material***

Silicone Sealant***



TECHNICAL SPECIFICATIONS

El 60		
A2-s1, d0		
≤ 3210 mm/≤ 3800 mm		
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.		
±2 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		
According to the instruction guideline		

Nominal thickness	31 mm	37 mm	41 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)	69 kg/m ²	84 kg/m ²	94 kg/m ²
Sound reduction Rw (EN 140-3)	43 dB	43 dB****	43 dB****
Light transmission (EN 410)	80%	78%	77%
Light reflection ρL (outside/inside)	10%/10%	9%/9%	9%/9%
U value, W/m ² K (EN 673)	4,3	4,2	4,1
g value	0,62	0,60	0,58
Energy transmission τΕ	53%	49%	47%
Energy reflection ρE (outside/inside)	8%/8%	7%/7%	7%/7%

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



Where progress never stops

Tel: 003293955599 Fax: 003293955099 info@newglasstech.com http://newglasstech.com

