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Fire Protection Glass

Worldwide Specialists in Fire Protection Glass

DATA SHEET

Nanoflam EI 120

Fire prevention shatterproof glass for the inside application

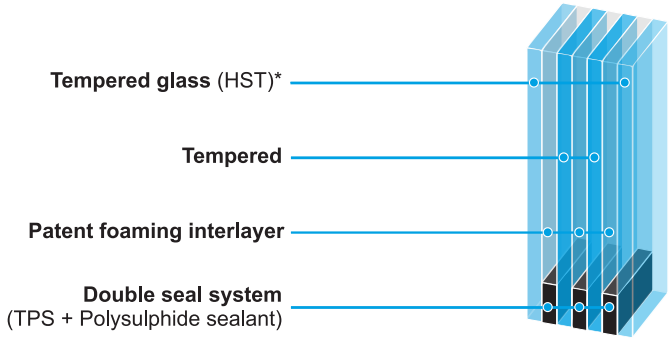
CLASSIFICATION

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.

* Heat Soak with option

PRODUCT DATA



TECHNICAL DATA

Fire opposition (EN 13501-2)	EI 120
Fire behaviour (EN 13501-1)	120 minutes Integrity & Insulation
Allowed dimensions	Vary according to glass construction, frame system, element type and land. The allowed mass of the national licensing are absolutely to be kept.
Thick tolerance	+3/-2mm
Length tolerance	+2/-2mm
Impact Resistance	EN 12600, BS 6206
UV Solidly (EN ISO 12543-4 Pt.6)	In addition to Norm default: none bubble found or discoloration
Temperature area of application	+45°C/-10°C
Dangerous contents materials	None

Element thickness	47mm
Dimensions area single disc	≤ 1400 mm x 3000 mm
Weight	72 kg/m²
Sound absorption Rw (EN 140-3)	45 dB
Light transmission (EN 410)	76%
U-Value, W/m²K (EN 673)	3,7
g-value	0,62
Energy transmission	52%

Application Conditions

For usage on building exterior that may subject the glass panes to prolonged exposure to sunlight, these external applications must be supplied with as an IGU with Low-E and/or Solar Control Coating. For More information, please contact your local NanoFlam distributors.