

Nanoflam EI 120

Fire prevention shatterproof glass for the inside application

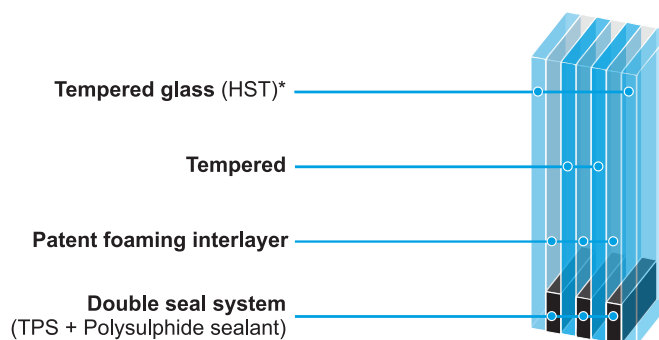
CLASSIFICATION

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)

Fire behaviour (EN 13501-1)

Allowed dimensions

Thick tolerance

Length tolerance

Impact Resistance

UV Solidly (EN ISO 12543-4 Pt.6)

Temperature area of application

Dangerous contents materials

EI 120

120 minutes Integrity & Insulation

Vary according to glass construction, frame system, element type and land.

The allowed mass of the national licensing are absolutely to be kept.

+3/-2mm

+2/-2mm

EN 12600, BS 6206

In addition to Norm default: none bubble found or discoloration

+45°C/-10°C

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.