

STRATOBEL THERGLAS



Heated laminated safety glass

The Therglas version of Stratobel (laminated safety glass) was specifically developed for building applications and rolling stock where heated glass is specified or required. Stratobel Therglas is a versatile product that delivers thermal comfort, de-fogging and de-icing functionalities. It can be used in building facades and interior applications.

When heating meets glass

What's so special about it?

What does this mean for you?

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| Safety glass | – Laminated safety glass for the protection of people and goods |
| Ready for use | – All cables and connector boxes are assembled and integrated
– Must be connected to the electrical circuit only |
| Customised heat intensity | – Heat intensity set according to the customer's specifications |
| Multiple applications | – Can be used in building facades as well as internal applications
– Used in rolling stock, yachts and commercial vessels, and control towers in order to ensure optimal visibility in all weather conditions |
| IP 65-rated | – Electrical circuit (cabling and boxes) tested; complies with IP 65 |
| Suitable for insulating glazing | – Can be assembled as a glass component in insulating glazing (either exterior or interior glass sheet) |
| Specialised support and know-how | – Support provided from design phase to product switch-on |

Technical specifications

Young's modulus (1 Hz at 20 °C)	45 MPa for standard PVB 1040 MPa for PVB Strong
Shear modulus (1 Hz at 20 °C)	3 MPa for standard PVB 300 MPa for PVB Strong
EN 356	P2A
EN 12600	1B1
Size	Maximum: 2000 mm x 4000 mm (larger sizes possible upon request and after technical feasibility study)

Processing options

Stratobel Therglas is a finished product delivered in cut sizes or assembled into insulating glazing.

Availability

Stratobel Therglas is available in a wide range of thicknesses from 32.1 to 1919.2 mm (asymmetric or special compositions upon request), and can be assembled with Planibel Clearlite or Planibel Clearvision.

Upon request, it is also possible to laminate a sheet of Planibel Coloured or coloured PVB interlayers. Stratobel Therglas is also available with toughened safety glass used as the glass constituents. Please contact us for the technical feasibility of specific thicknesses and dimensions.

Applications

- Heating devices in homes and commercial buildings
- Thermal comfort in facilities for swimming pools, spas and saunas
- De-icing and de-fogging in industrial applications (chemical, pharmaceutical, food, etc.)
- Visual control rooms in airport control towers
- Windscreens and sidelites in rolling stock (train, trams, etc.)
- Marine applications

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