

STRATOBEL®



EVA CREATION



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STRATOBEL® EVA CREATION

is a range of special laminated safety glasses tailored to specific exterior and interior applications. Unlike PVB (polyvinyl butyral), the EVA (ethylene vinyl acetate) interlayer used in Stratobel® EVA glass assemblies becomes very malleable during the heating cycle. This makes it ideal for two types of delicate laminated assembly: 1) thermally toughened safety glasses for highly specific uses (Stratobel® EVA) and 2) laminated glass assemblies combining protection with creativity in the form of inserts (Stratobel® EVA Creation).



CLOUDY, Fabre Museum, Montpellier, designed by Nebout-Brochet-Lajus-Pueyo



IRISIA: Rexel S.A. Paris, designed by S. Petraccone

Stratobel® EVA Creation

The glass's properties enable decorative or special functional materials to be incorporated into the EVA interlayer, including:

- **films and fabrics bearing images or photos;**
- **perforated or woven metal grids providing partial screening;**
- **graphic or decorative designs;**
- **non-woven fibre fabrics providing full screening.**

Stratobel® EVA Creation can be combined with the following range of inserts, allowing building owners to free their imagination, using tried and tested solutions that comply with current standards:

- **Graphic:** A fabric printed with your chosen design – max. 6.00 x 1.80
- **Cloudy:** A white, non-woven polyester grid – max. 6.00 x 1.20
- **Inoxia:** A perforated stainless steel sheet – max. 6.00 x 1.25
- **Irisia:** A metallic, bronze-coloured mesh – max. 6.00 x 2.00
- **Artlite:** A silk-screen design applied to films – max. 4.10 x 2.10

Other inserts can be developed for specific projects on request.

Applications

Stratobel® EVA Creation is a creative, original and exclusive solution for your projects, including:

- **decorated facades with partial screening;**
- **glass roofs with built-in solar control;**
- **sunshades with built-in solar control;**
- **decorative interior partitions;**
- **BALUSTRA L all-glass balustrades;**
- **glass floors and stair treads;**
- **street furniture.**



GRAPHIC: Restaurant, Paris, designed by P. Feuillet

Manufacturing variants for Stratobel® EVA Creation

Basic glass laminate components: toughened float glass from 4 to 19 mm
EVA interlayer available in clear and opal (translucent matt)

Minimum dimensions: 300 x 300 mm

Maximum length: up to 6.00 m, see range

Maximum width: up to 2.10 m, see range

Maximum weight of one side before lamination: 650 kg

Maximum weight of finished assembly: 1,250 kg

Compliance

Stratobel® EVA and Stratobel® EVA Creation glasses comply with standards EN 12543 and EN 14449 (FPC in the context of CE marking) and qualify as 1B1 under standard EN 12600.

For the insertion of materials not specified in the range presented above, compliance tests will have to be performed.

Installation and use: as per DTU 39 NF P78-201-2.