EuropTec combines two or more glasses with one or more tear-resistant polyvinyl-butyral films (PVB) to produce laminated safety glass (VSG). To combine glass with plastics we use polyurethane-films (PU). EuropTec is certified to handle SentryGlas®-film for laminated safety glasses that ensures glass stiffness even if it breaks. We also produce glass laminates with one or more function films on one glass.

**Technical Data**

Max. size for laminated safety glasses: 1,400 x 2,000 mm
Max. size for glasses with functional films: 1,450 x 850 mm
Other dimensions: on request

Glass thickness (PVB-laminates): up to 12.0 mm
Glass thickness (PU-laminates): up to 12.0 mm
Glass thickness (with functional films): up to 6.0 mm
Other thicknesses: on request

PVB-thickness: 0.38 – 1.52 mm
PU-thickness: 0.38 – 1.52 mm
Thickness of SentryGlas®-film: 0.89 – 2.5 mm

Offset tolerance: min. +/- 0.5 mm, tighter tolerances on request

Glass types:
- float glass
- even coloured or etched
- antireflective glass
- electrically conductive glass
Advantages

- Very high strength compared to untreated glass
- A lot of special coatings can be laminated
- Constant optical properties for visible spectrum
- Low risk of injury in case of glass breakage because splinters are bound
- Usage of function films is possible
- Individual printing is possible

Laminating and Function Films

- PVB-film
- PU-film
- EMI-shielding film
- IR-shielding film
- Privacy film
- Polarization filters

Typical Applications

- Information screens
- Protective screens
- Outdoor applications
- Safety-related applications

Do you have questions or do you need an advice concerning to very varied possible applications of technical glass? Do not hesitate to contact us!

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