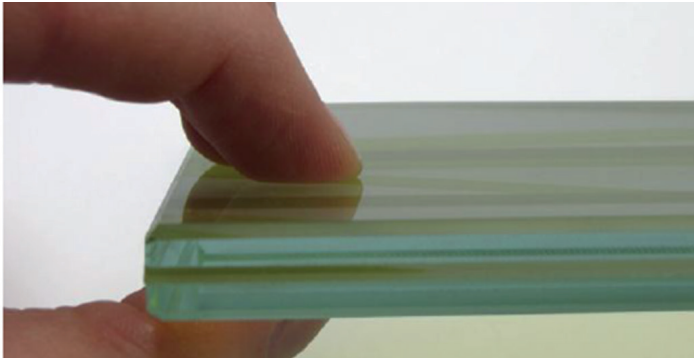


Laminating:

Laminated safety glass according to DIN EN 12543



EuropTec combines two or more glasses with one or more tear-resistant polyvinyl-butylal 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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