sedak – manufacturer of glass units up to 3.6 m × 20 m.

sedak is a premium manufacturer of optimum-quality safety and insulated glazing. As a leading glazing fabricators specialist in this high-expertise segment, we supply single-pane glass units, multi-layer glazing and functional insulating glass units in formats up to $3.6 \text{ m} \times 20 \text{ m}$ – processed, tempered, laminated, printed, cold and hot bent. Manufacturing is optimized for extremely heavy glass with a unique degree of automation for panes this size.

The expertise and inquiring minds of the 190 sedak employees are the driving force behind constant innovations in glass manufacturing. As a full service supplier, sedak works in partnership with architects, developers, facade builders and metalwork companies and helps advance tomorrow's visionary architecture today with its innovative products.

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leading glass. **Sedak**



sedak isosecure® bulletproof insulating glass



sedak isosecure® - provides shatterproof protection up to bullet resistance BR7

sedak isosecure unites bulletproof protection and high performance in a modern insulating glass. The ingenious pane structure means a conventional polycarbonate system is no longer needed – both outer panes are made of glass:

- the high aesthetic appeal of the transparent material is maintained
- scratch resistance: makes glass easier to handle and clean
- better fire safety rating
- available as float and heat-strengthened glass

This innovative insulating glass can be combined with standard solar control and heat insulation layers, thus complying with modern energy standard requirements.

sedak isosecure is certified for float and heat-strengthened glass and is suitable for glass façades on challenging buildings with a high level of protection. It provides shatterproof protection up to a level of bullet resistance BR7 as per EN 1063.

The innovative bulletproof glass structure is available as flat or curved insulating glass up to 3.6×20 meters.

greater safety with functional variety

Insulating glass thicknesses for sedak isosecure® - flat

- BR4 NS: 115 kg/sqm, thickness¹ 64 mm
- BR6 NS: 150 kg/sqm, thickness¹ 79 mm
- BR7 NS: 200 kg/sqm, thickness¹ 100 mm

Insulating glass thicknesses for sedak isosecure® - curved

- BR6 NS: 175 kg/sqm, thickness¹ 89 mm
- Radius: from 1 m to ∞

These specifications apply to certified standard structures. Thicker structures needed for structural reasons, for example, may require a new ballistic test.

¹ including spacer



sedak isosecure®:

double to quadruple insulating glass; multi-layer glazing on request; made of float or heat-strengthened glass; in seven safety classes; flat or curved; available in formats up to 3.6 x 20 m.



Example structure