

leading glass. **sedak**

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 insulated glass units in formats up to 3.6 m × 20 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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sedak isopure[®]
for more transparency



"it looks like glass,
glass and glass"

sedak isopure® – the glass spacer for greater transparency

Modern lamination technologies and glass formats up to 20 meters enable the nearly seamless effect of large-scale all-glass facades and roofs.

While this effect could to date only be achieved with composite safety glass, sedak isopure® now also offers the same effect with insulating glass.

sedak isopure® optically eliminates the typical butt joints of insulating glass facades. Instead of the conventional up to four centimeter wide black joints made of plastic spacers and silicone, transparent spacers are used to this purpose on two visible sides.

Aesthetically sophisticated with appropriate energy values

In the butt joints, which are not visible in the holding construction following installation, a conventional edge bond for insulating glass is used that keeps the gap between the panes dry. The result is a nearly uninterrupted overall effect with maximum transparency and the unchanged technical properties of the insulating glass.

Insulating glass with transparent spacer

- more transparency for all-glass façades
- butt joints seem to disappear
- up-to-date Ug-values
- can be combined with many coatings

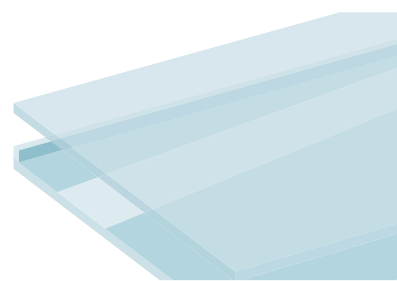
2 layer insulating glass

Coating: Low-E or sun 70/37	Ug-value argon (W/qmk)	Ug-value air (W/qmk)	SGHC g-value (sun70/37)
Dimensions spacer			
10 mm	1.4	1.8	0.39
12 mm	1.3	1.6	0.39
14 mm*	1.1	1.5	0.38
16 mm	1.0	1.4	0.38

3 layer insulating glass

Coating: Low-E and sun 70/37	Ug-value argon (W/qmk)	Ug-value air (W/qmk)	SGHC g-value (sun70/37)
Dimensions spacer			
2 x 10 mm	0.8	1.1	0.36
2 x 12 mm	0.7	0.9	0.36
2 x 14 mm*	0.6	0.8	0.36
2 x 16 mm	0.6	0.7	0.36

*preferred



sedak isopure®:
2- to 3 layer heat-strengthened or fully tempered insulating glass with glass spacer; up to 3.6 m x 20 m in landscape format, portrait format on request