

leading glass. **sedak**

sedak bird protection glass
highly effective transparency



sedak bird protection glass – highly effective and maximum transparency

Large-area, transparent glazing is and remains our highest standard – now we also combined this with effective protection against impacts from birds. sedak bird protection glass combines the architectural requirement for maximum transparency and the desire for responsible construction via a highly effective print pattern – usable up to a format of 3.6 m × 20 m. No other bird protection glass requires such limited overall printed area (less than 1%) for the protective effect that simultaneously achieves an effective level of protection.

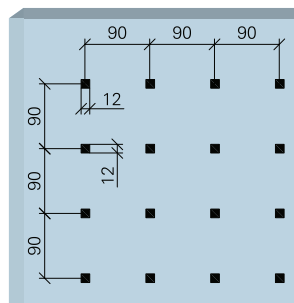
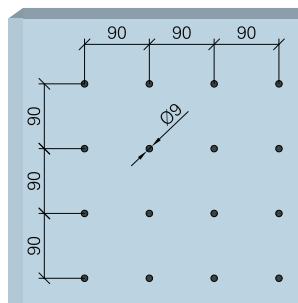
Two versions are available depending on customer requirements: Dots or squares displayed in a homogeneous grid. The samples are applied on exterior glass facing using a ceramic digital printing process (POS1) and are therefore scratch- and UV-resistant. At the same time, the Side One printing system optimizes the visibility of the applied bird protection and reduces the approach rate to below 10%. sedak delivers a bird protection glass that is significantly more effective compared to other adequate solutions.

The effectiveness of the bird protection glass was tested in flight tunnel tests by the reputable test center “Biologische Station Hohenau-Ringeldorf (AT)” and was awarded the status “recommended”: “With a result (...), this marking system is currently one of the best tested to date, including reflections, and can be recommended for use as a highly effective marking.”

transparent and effective against bird impacts

Technical data

The sedak bird protection glass is designed so that up to 99 % of the glass surface remains transparent. The ratio of transparency and printing received the recommendation "optimal" and "highly effective".



Design	Grid Points	Grid Squares
Printing	ø Points: 9 mm. Distance on center 90 mm Print coverage 0.8 % Printing on Pos. #	Square side length: 12 mm distance on center 90 mm Print coverage 1.8 % Printing on Pos. #1
Threat Factor	<14 %	<10%
Further processing	Insulation and safety glass	Insulation and safety glass
Glass size	3,6 m × 20 m	3,6 m × 20 m

The specified values refer to the tested and recommended grid in the color tone Black. It is possible to change the print color. sedak offers a visual and also effective alternative with printing using precious metal colors. The printed image and color tone have a discreet, elegant and aesthetic effect.

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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