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#sedak
#leading.glass
#factsheet
#anisotropies
#lamination
#bulletresistantglass

Expert knowledge in compact form

sedak starts fact sheet series

Specialist knowledge about glass directly from the source of new ideas: this is what the new fact sheets from sedak provide. The first themes to be covered are „anisotropies“, „bullet-resistant glass“ and „lamination“. Compact and easy to understand but technically detailed, the information sheets focus on specific technical aspects of glass.

With oversized glass panes and the development of pioneering glass technologies – especially lamination and printing techniques – sedak has become a technology leader in the industry. The company has now published this expert knowledge in fact sheets for specific areas. This provides specialists in architecture and civil engineering with compact, easily understandable and yet technically detailed information on glass quality, production technologies and design etc. These are the initial themes:

- **Anisotropies** explains which factors of influence cause optical irregularities to occur and which possibilities there are to reduce them.
- **Bullet-resistant glass** provides an overview of the different bullet-resistance classes and explains which level of protection can be achieved with which glass construction.
- **Lamination** discusses the determining factors for high-quality glass

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laminates and compares different lamination procedures.

With **bird protection** and **printed glass** further themes are already being prepared. The fact sheets are available free of charge as PDF downloads at sedak.de.

(sedak.com/de/news-services/downloads/)

28 lines / around 1.400 characters

Picture

[21_04_FactSheets]

Compact knowledge: with the sedak fact sheets the glass specialist from Gersthofen is passing on its technical know-how.

Picture: sedak



We will be pleased to answer your inquiries

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Leading glass

Since its founding in 2007, Germany-based company sedak has used its pioneering spirit to establish itself as a premium manufacturer of large-format insulated and safety glass. sedak has evolved their glass as a construction material for all-glass facades and roofs. Iconic facades and buildings are created with an unprecedented degree of transparency thanks to superior quality of innovative products.

sedak manufactures single-pane glass units, multi-layer glazing and functional insulated glass units in formats up to 3.6 x 20 meters in an efficient, highly automated

system. Raw glass is treated, strengthened, laminated, printed, lamination-curved and assembled into insulated glass with a unique set of machinery that spreads over a production area measuring 35,000qm. Since integrating Italian-based Sunglass Industry srl, who are the specialist in curved glass, sedak's core expertise also now includes hot bending glass. The specialist also supplies exceptional solutions for luxury yachts with optimized glass for use on the high seas.

The glass fabricator particularly demonstrates its solution-oriented expertise in special designs. Thanks to its research and development spirit, new technologies and the expertise of its 190 employees, sedak is constantly advancing innovations in glass finishing and sees itself as a partner to architects, developers, facade builders and metalwork companies. As a specialist in oversized and extremely heavy glass, the company develops future-oriented solutions to implement customers visions with a flexible approach. The glass fabricator acts as a full-service supplier – from the initial order to final delivery. sedak thus helps advance tomorrow's visionary architecture today.

Exceptional reference projects provide proof of impressive expertise. These include: Lakhta Center, St. Petersburg / House of European History, Brussels / Faculty of Medicine, Montpellier / Torre Europa, Madrid / Iconsiam, Bangkok / Apple Park, Cupertino / Apple Cube, New York / Experimenta, Heilbronn / Numerous premium flagship stores.

Areas of use

- Glass facades
- Glass roofs
- Glass stairways
- Glass balustrades
- Yacht glazing
- Pool glazing
- Safety glazing
- All-glass structures
- Interior design
- Special designs