

sedak GmbH & Co. KG  
Einsteinring 1  
86368 Gersthofen

Phone +49 821 2494 - 222  
Fax +49 821 2494 - 777

[www.sedak.com](http://www.sedak.com)  
[info@sedak.com](mailto:info@sedak.com)

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#sedak  
#leading.glass  
#factsheet  
#bulletresistantglass  
#curvedglass  
#bulletproofed

## Sedak: Bullet-proofed glass now also curved

# Bullet-resistant and curved

All-round protection: As the only manufacturer so far, sedak has combined these characteristics for glass and even has two different lines in its portfolio: the insulation glass „sedak isosecure“ and the laminate system „sedak secuprotect“. Radiuses of one meter upwards are possible; the glass is splinter-free and available up to a maximum format of 3.60 x 20 meters. Furthermore, as thermally toughened glass it is certified according to DIN EN 1063 and is industrially curved and therefore usable statically. Both of the outside surfaces are always made from glass, which looks more attractive and is easier to clean than conventional solutions with film on one of the external surfaces. So the insulation glass construction does without a polycarbonate system, thereby achieving better fire protection. As with the flat variants, both of the curved versions are certified, sedak isosecure from BR 2 NS to the highest bullet-resistance class BR 7 NS. As a bullet-resistant laminate system „sedak secuprotect“ is also certified for the class BR 7 NS. Because of its symmetrical construction, the laminate even provides security from both sides.

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For more information  
please contact:  
[www.pr-neu.de](http://www.pr-neu.de)

pr neu – gedacht  
Wendebrück 2 d  
D-38110 Braunschweig

Phone +49 5307 80093 80  
Fax +49 5307 80093 69

[info@pr-neu.de](mailto:info@pr-neu.de)  
[www.pr-neu.de](http://www.pr-neu.de)

## Picture

[21\_05\_schusssicher\_gebogen]



*The only insulation glass that is both bullet-resistant and curved is sedak isosecure. Once again, sedak thereby underlines its leadership in innovation.*

*Picture: sedak*

We will be pleased to answer your inquiries

### **pr neu – gedacht**

Jan Birkenfeld

Phone: +49(0)5307/80093-85

Fax: +49(0)5307/80093-69

E-Mail: [j.birkenfeld@pr-neu.de](mailto:j.birkenfeld@pr-neu.de)

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