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#sedak
#leadingglass
#curvedglass
#sedakmulticurved
#sedaktempered+
#sedakballisitcglassHMG
#bau2025

sedak presents world premieres at BAU 2025

3 highlights for the glass industry

sedak, global leader in glass refining, will showcase three groundbreaking innovations at BAU 2025 (January 13–17, 2025, Messe Munich) that redefine glass refinement for maximum formats up to 3.6 m x 20 m. In Hall C5/100, sedak will present world innovations focusing on the key themes of "customized," "pureness," and "protection," impressively underlining the company motto "leading glass".

customized: sedak multicurved

sedak stands for "customized" glass products and lives up to this promise with **sedak multicurved**. Using a globally unique and innovative bending process, **sedak** now delivers multiaxial, curved, and tempered glass. This new process makes industrial 3D bending possible, offering complex, multidimensional, and spherical safety glass in various geometries. The 3D bending is cost-effective and environmentally friendly, as no complex mold construction is required for the bending process – the settings are adjusted directly via the furnace.

pureness: sedak tempered+

The commitment to clarity ("pureness") is demonstrated through **sedak**'s tempered glass quality, **sedak tempered+**. This anisotropy-free, tempered glass goes far beyond industry standards and sets a new benchmark in optical quality. Thanks to a spe-

cially optimized tempering and patented process, **sedak tempered+** eliminates anisotropies and ensures maximum transparency from every angle.

protection: sedak ballistic glass HMG

For maximum security ("protection"), **sedak** introduces **sedak ballistic glass HMG** (Heavy Machine Gun). This newly developed bullet-resistant glass provides unparalleled protection against targeted terrorist attacks with heavy machine guns. With resistance levels five times higher than the highest BR7 protection class, this glass safeguards exclusive buildings and private residences with the most stringent security requirements.

sedak will be presenting at BAU 2025 from January 13–17, 2025, in Hall C5/100. For press inquiries or to schedule interviews, please contact Verena Simon at verena.simon@sedak.com.

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images



caption: [25-01_01]: „Customized“: **sedak** introduces **sedak multicurved**, the first-ever 3D-bent, tempered glass.

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caption: [25-01_02]: „Pureness“: **sedak tempered+** is the first tempered glass without anisotropies (right); for comparison, conventional tempered glass is shown on the left.

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caption: [25-01_03]: „Protection“: The bullet-resistant **sedak ballistic glass HMG** represents maximum security and withstands even terrorist attacks with heavy machine guns.

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sedak – leading glass

Since its founding in 2007 **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.

On a production area of 71,000sqm and with a unique machine park, raw glass is processed, bent, tempered, laminated, and converted into insulating glass. The machine park is designed for oversized formats (up to 3.6m x 20m) and complex glass products. This enormous production capacity allows **sedak** to realize even the most demanding visions. Thus, glass products of the highest quality are produced in Gersthofen/Germany for the architecture, marine, and rail sectors.

With over 15 years of experience in processing and finishing flat and curved glass, **sedak** offers comprehensive glass solutions for iconic architecture, luxurious ships, and modern trains. An unwavering commitment to customer visions, maximum flexibility, and close collaboration with all project partners ensure market-oriented solutions for seemingly impossible requirements.

Outstanding references demonstrate this impressive competence, including: Apple Cube, New York | Elbphilharmonie, Hamburg | National Museum, Oslo, Norway | The Henderson, Hong Kong | L'Oréal Le Visionnaire, Paris | numerous premium flagship stores | luxury yachts | and train sets.