

**sedak**

# leading glass

world innovations  
up to 3.6m x 20m

# sedak

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## customization

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**sedak**'s innovative approach pushes the boundaries of architectural glass by offering highly customizable solutions – flat & curved. With state-of-the-art production lines, **sedak** delivers oversized glass in maximum formats of up to 3.6m x 20m, along with custom-made refinements that meet stringent performance standards while bringing bold architectural visions to life.

### world innovation

## 3d-bent tempered glass

**sedak**'s innovative bending process outperforms conventional methods, enabling the production of complex, multicurved, and spherical tempered glass with exceptional precision and strength. Through a meticulous bending process, **sedak** makes high-volume tempered 3d-bent glass achievable.

#### **sedak multicurved**

- › custom-made 3d-bent geometries
- › tempered spherical shapes
- › structural strength
- › efficient & scalable production of multicurved forms
- › bidirectional

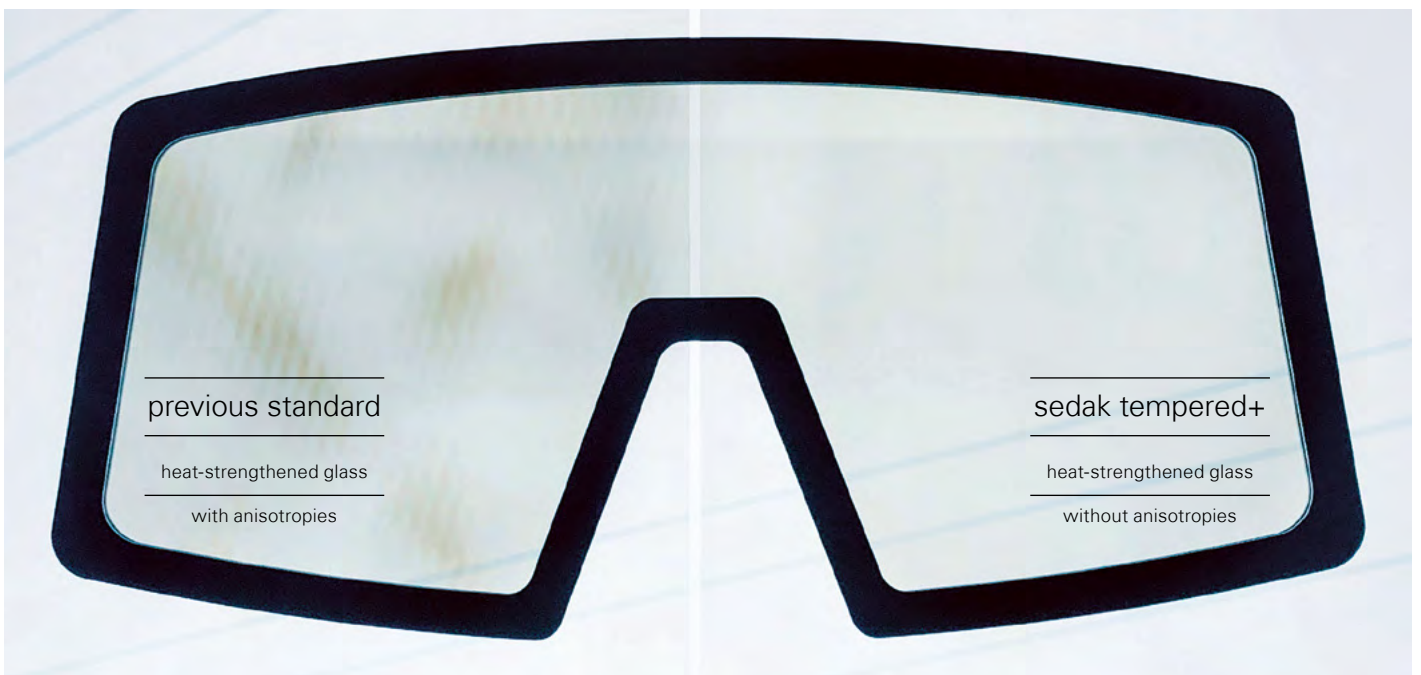


# sedak

## pureness

**sedak**'s commitment to precision and innovation never stops – it extends to redefining architectural creativity through glass. By offering glass that combines the purest transparency, advanced tempering, and innovations such as **sedak isopure**<sup>®</sup> and **sedak clear-edge**, **sedak** unlocks new possibilities for pure architecture.

world innovation  
**anisotropy-free tempered glass**



**sedak**'s advanced tempering technology sets new standards by eliminating anisotropies, ensuring flawless transparency under any light or angle. Combining exceptional durability with unparalleled optical quality, it represents a significant leap forward in glass innovation.

#### **sedak tempered+**

- > tempered glass without anisotropies
- > improved visual quality
- > optimized tempering process
- > no patterns
- > no rainbow effect

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## protection

**sedak** stands for highest protection, offering bullet resistance up to BR7 and beyond, ensuring safety without compromise. With advanced technology and expertise, **sedak** delivers high-quality safety and insulating glass panels, ranging from BR2 NS to BR7 NS (EN 1063), offering the highest levels of protection. Bullet-resistant IGUs and monolithic glass from **sedak** is available flat & curved, with dimensions of up to 3.6m x 20m.

### world innovation 5 times stronger than BR7

**sedak ballistic glass HMG** is a cutting-edge high-security glass, designed to address evolving safety challenges and provide unmatched protection against heavy machine gun (HMG) fire.

With resistance levels up to five times stronger than the highest BR7 protection class, **sedak** delivers a bulletproof glass for safeguarding high-risk buildings with the most demanding security requirements.

#### **sedak ballistic glass HMG**

- › against terrorist attacks or assaults
- › attacks with heavy machine guns
- › resistant to armor-piercing ammunition (.50 BMG API)
- › 5x stronger than BR7
- › large formats



**sedak ballistic glass HMG**  
resistant to  
.50 BMG API (140mm)

bulletproof glass BR7  
resistant to  
.308 WIN FMJ AP (70mm)



# our commitment leading glass

**sedak** is a pioneer in glass refinement and is known for its exceptional production capabilities, redefining glass applications. With state-of-the-art machinery and a great passion for glass, **sedak** stands for unparalleled quality and maximum formats of 3.6m x 20m – both flat & curved.

**sedak** has advanced the use of glass as a construction material for all-glass façades and roofs. Iconic façades and buildings are created with an unprecedented degree of accuracy, thanks to the superior quality of its innovative products. Always following the company's motto: leading glass.

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