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Glass Performance Days (Tampere): sedak presents
isopure and clear-edge

sedak exhibits functional transparency in glazing details at the GPDs

At the International Glass Performance Days 2019 in Tampere, Finland (26th to 28th June) the specialist delegates will discuss future trends and optimization possibilities for glass as a building material. At the associated exhibition sedak (Gersthofen) will display "sedak clear-edge" and "sedak isopure", two new products that open up new optical and constructional design possibilities for glass elements and façades. "We are looking forward to presenting our innovations to international industry representatives at the GPDs and again this year we will provide some impulses of our own as well as assimilating new ideas ourselves", says Sales Manager Ulrich Theisen.

With "sedak clear-edge" the company from Gersthofen, Germany presents an almost invisible edge protection made from glass. The sophisticated edging is laminated onto the open edge of the glass and functions as protection against impacts and the influences of the weather. This means that two layer laminates can be utilized where previously the regulations required laminates with at least three layer to be used in structures protecting against falling – for example

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parapets and handrails. For a laminate thickness of less than two centimeters "sedak clear-edge" is available in lengths of up to five meters, for thicknesses of up to four centimeters in lengths of eight meters and for thicker laminates up to 20 metres is possible.

sedak isopure: maximum transparency and modern energy standards

A revolution for insulating glass is "sedak isopure", with which transparent glass façades can be realized without any distracting black joints. The glass spacers for insulating glass combine almost invisible joints between the glass elements with modern demands in terms of the thermal transmittance (U-value). Instead of the typical black plastic spacer, "sedak isopure" is used between the two sides of the insulating glass – making it hardly possible to see the joint. This insulating glazing enables the construction of maximally transparent (large) glass façades with modern energy and thermal insulation standards.

36 lines / around 2000 characters

Pictures

[19-03_sedak_isopure]



A spacer made from glass: With "sedak isopure" insulating glazing can be created that is transparent right to the joints.

[19-03_sedak_clear-edge]



"sedak clear-edge" protects laminates on the open edges effectively and almost invisibly. The laminated-on glass strips can be used, for example, on parapets (left) or load-bearing glass fins (right).

Photos: sedak GmbH & Co. KG | René Müller

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Leading glass

sedak, the glass manufacturer in Gersthofen, Germany, was founded in 2007. The company and its 180 employees have developed into the world's technology and innovation leader for large insulating and safety glass. With a ten-year experience of manufacturing oversize glass and after having increased the level of automation continuously, sedak is regarded as a specialist in this know-how intensive segment. The glass units reach dimensions up to 3.51 m x 20 m - processed, tempered, laminated, printed, coated, cold and hot bent. The core capabilities are the lamination of glass, edging, and the company's special knowledge of producing glass components with additional functional and decorative elements. sedak's production has been optimized for extraordinary glass sizes and weights; all finishing steps are highly automated and handled in-house. As a full supplier for glass up to 20 m, sedak sees itself as a partner for architects, designers, and façade constructors. Outstanding references are for example the House of European History in Brussels, the Faculty of Medicine in Montpellier, the Torre Europa in Madrid, Brookfield Place in New York City, the Apple Cube in New York City, the science center experimenta in Heilbronn, as well as numerous premium flagship stores worldwide.

Application

- glass façades
- glass roofs
- glass stairs
- glass balustrades
- ship building
- safety glazing
- all-glass constructions
- interior design
- custom-made glass units