

HUECK EXPANDS THE INNOVATIVE TRIGON FS FAÇADE MODULAR SYSTEM: "ULTRA ELEGANT" ALL-GLASS FAÇADE HUECK TRIGON FS 050/060 SG

"Ultra slim - ultra strong - ultra flexible" has been joined by "Ultra elegant". The Lüdenscheid-based aluminium systems provider Hueck System GmbH & Co. KG has added a structural glazing system to the successful Hueck Trigon FS 040/050/60 façade design with the Hueck Trigon FS 050/060 SG. The all-glass façade with a 22-millimetre joint, like the entire Trigon modular system, impresses with its great flexibility and versatility, economical processing and high aesthetic standards. Furthermore, the new structural glazing system meets the highest thermal insulation, burglar resistance and soundproofing standards.

"With the new all-glass façade, we not only fulfil a frequently expressed customer request, but we also continue the concept of our innovative Trigon FS façade design," explains Johannes Driessen, Hueck's façade product manager. Hueck Trigon FS 050/060 SG is available in 50 and 60 millimetre elevation widths and can be configured as a mullion-transom or transom-transom construction. The Hueck designers also designed the new façade to be extremely adaptable in terms of load capacity. The new all-glass façade can be tailored to the corresponding requirements using coordinated profile depths ranging from 50 to 250 millimetres. The sophisticated statics allow for panel weights of up to 800 kilogrammes, resulting in particularly large pane sizes of up to 3,000 x 5,000 millimetres and 2,500 x 3,300 millimetres for fall protection. A flexible load capacity extension with just one "click," as with Trigon FS, enables higher static absorption of the filling weights.

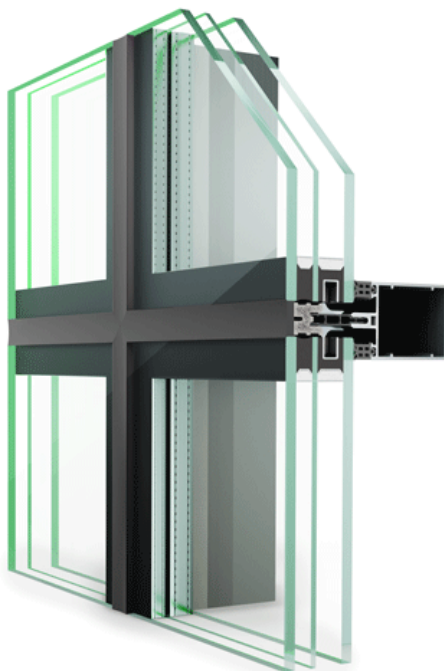


Image 1: Hueck Trigon FS 050 SG - Transom / Transom
(Quelle: Hueck)

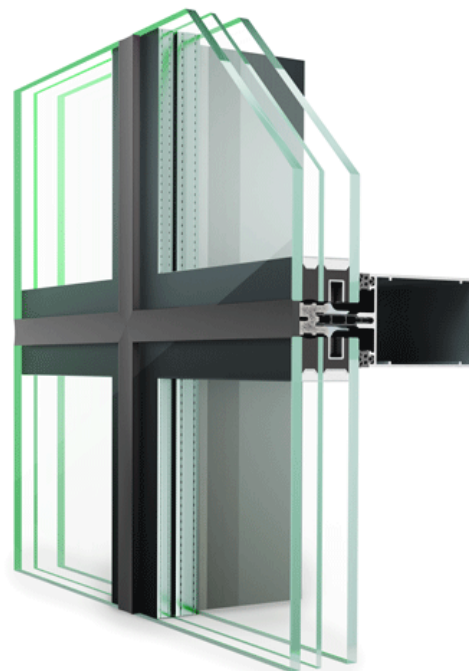


Image 2: Hueck Trigon FS 060 SG - Mullion / Transom
(Quelle: Hueck)

The new all-glass variant, like Trigon FS, meets all modern energy efficiency requirements. For different requirements, the highly thermally insulated façade design is available in two thermal insulation variants with a uniform sealing system. "We at Hueck are also very proud of the high level of soundproofing of up to 45 decibels that can be achieved in the standard system alone," Driessen emphasises. "Moreover, the all-glass façade can be designed to have the same appearance as a burglar-resistant façade up to RC3." The RC-tested insert elements from the Hueck Lambda WS/DS series can be easily integrated as well, with no visible differences.

As always, the Hueck engineers considered not only architectural aesthetics but also the most cost-effective processing methods when designing the all-glass modular system. "With this modular system, we have consistently implemented the Hueck concept of simple processing and series compatibility at the highest level," Driessen explains. This includes component sharing with cross-series system components such as accessories, supplementary profiles, auxiliary accessories and tools, as well as particularly simple assembly due to the patented self-clamping toggle. "We coordinated the construction and processing so that production as a mullion-transom and transom-transom construction is possible with a consistent pool of tools." An extensive range of accessories, including sun shade connections, façade brackets, variable consoles and wiring, round out the package. "We also provide very detailed documentation with useful statical pre-dimensioning, particularly for planners and architects," Driessen adds.

The SG elevation widths, like Trigon FS, can be combined as desired with uniform interior views. Simultaneously, the modular system is compatible with the entire Hueck product family. This new façade solution can also be easily combined with the window and door constructions from the Hueck Lambda WS/DS series, thanks to a standard raster dimension of six millimetres across all series.

Aside from flexibility and versatility, the Hueck Trigon FS 050/060 SG meets the sustainability requirements outlined in the Hueck World Life Balance corporate philosophy. "We want to contribute to a more economical and efficient use of resources with our product concepts," summarises Driessen. "At the same time, we provide a reliable basis for builders, planners and investors to plan sustainable construction projects that are eligible for funding." As a result, the Hueck Lambda WS/DS 075/090 window and door systems, as well as the Hueck Trigon FS and SG façade systems, not only have EPDs, but are also Cradle to Cradle certified silver.