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New from Jansen: Janisol 2 doors «Plus»

**Steel system for impressively large fire doors**

**At BAU 2023, the Swiss company Jansen AG will be showing “true size” at its exhibition stand in hall B1, booth no. 320: the door element from the Janisol 2 fire protection system is an impressive 3583 mm high. With Janisol 2 doors** **«Plus», Europe's leading manufacturer of thermally separated steel profile systems for doors, windows and fixed glazing proves once again that functionality and aesthetics are on a par with steel systems.**

The greatest possible transparency through large door formats in combination with narrow, highly insulating profiles - this is what architects and planners appreciate so much about the steel profile systems from Jansen. This results in maximum light incidence, minimum energy loss and long functional life: Aspects with which Jansen supports the desire of more and more building owners and users for energy- and resource-saving construction methods. Like hardly any other system, the Janisol 2 EI30 fire protection system meets the highest demands in terms of design freedom and structural safety in just one profile.

With the thermally broken Janisol 2 EI30 profile system, single and double-leaf fire doors can also be safely manufactured in oversizes. A clear passage of up to 1500 x 3000 or 1210 x 3168 mm is feasible with one leaf; a maximum of 3000 x 3000 or 2419 x 3168 mm with two leaves. The doors can be fitted with up to 1589 mm wide side panels and with up to 1464 mm high fanlights. The face width of the outer frame and sash frame of the trade fair exhibit is only a slim 132.5 mm! Janisol 2 EI30 doors «Plus» achieve a Uf value of 2.4 W/(m2K) at the closing edges and, thanks to a plastic threshold, a Uf value of 2.0 W/(m2K) in the threshold area, thus providing very good thermal insulation (calculated overall heat transfer coefficient of the trade fair exhibit: Ud = 1.4 W/(m2K)). Jansen 3D screw-on straps and a panic lock complete the equipment of the element at the stand.

The Janisol 2 EI30 fire protection system, European approved according to EN 16034, convinces with a broad performance profile: Fire resistance and smoke protection, sound insulation, windload tested, water resistance, airthightness, continuous functional efficiency and numerous other performance characteristics are achieved with top values. Finger protection doors are possible as well as burglary protection (up to RC3). The door elements can be manufactured with a threshold or without a threshold (e.g. with a lowering seal). Doors with multipoint locking (optionally electronic with self-locking) or anti-panic doors according to EN 179/EN1125 can be manufactured. Numerous functionalities can also be combined in one and the same element. Janisol 2 EI30 also offers many options in terms of door automation; in addition, there are special designs such as swing doors, gymnasium doors and cell doors through to automatic sliding fire doors. Filling elements from 15 to 39 mm (basic depth 60 mm) or up to 52 mm (basic depth 70 mm) thick can be installed using dry or wet glazing. On-site connection to plasterboard walls, thermal insulation composite system, steel/wood supports, glass partition walls as well as to the steel systems Janisol C4 and VISS Fire façade can be realised. Particularly in combination with glazed curtain walls, Janisol 2 EI30 doors score not only functionally, but also with their visually appealing appearance.

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**Jansen at BAU 2023:**

Hall B1, booth no. 320

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**About Jansen AG**  
Established in 1923 and headquartered in Oberriet, Switzerland, Jansen AG develops, manufactures and distributes steel profile systems and plastic products for various sectors of the construction industry. Since 1978, Jansen has been the exclusive Swiss distribution partner of the German Schüco International KG and distributes their aluminium profile systems for the building sector. As of January 2021, Jansen AG acquired the Welser Profile Group's subsidiary RP Technik GmbH, also a system provider of steel solutions for façades, windows and doors. As of 1 April 2021, Jansen transferred its automotive supply business to Mubea. As of 1 January 2022, Jansen AG opened an independent rep office in Breda (NL) and has since been directly responsible for market development in the Netherlands and Belgium. To this day, the Jansen Group is 100% family-owned. It employs around 600 people internationally and celebrates its 100 year anniversary.

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