## Fire-resistant sliding door made from thermally broken steel profiles from the JANSEN Janisol 2 EI30 system with break-in or break-out function

Design features:

The thermally broken Janisol 2 EI30 steel system consists of two cold-rolled steel half profiles and continuous, glass fibre-reinforced fire boards. The high-quality insulating bars join the half profiles together with friction and positive locking. They withstand the short-term temperature increases during welding without melting or burning. Proof of the shear bond in accordance with EN 14024 must be provided. All corner and T-joints must be welded together to produce frictional locking. The visible welds must be fully smoothed. The door leaf and frame profiles have face widths of 25, 50 and 85 mm (without end stops). With the break-in and/or break-out emergency exit door functions, the door leaves, with double rebate weathership at the side and top, are flush-fitted with the frame. The side and top shadow gaps are 5 mm. The middle section joint is 28 mm. The Janisol 2 EI30 fire-resistant sliding door is used for easy-access construction, amongst other things, and is therefore step-free.

Only tested fittings and actuators belonging to the system may be used. The size of the actuator in relation to the leaf weights must be determined by the actuator supplier.

The infill units are installed with EPDM weatherstrips or packing tape and suitable permanently elastic sealing compound on both sides. The regulations of the glazing manufacturer must be observed. The infill units are installed in the construction with glazing bead on one side.

Widened sill rails or frames are made possible by using profile combinations in conjunction with flush-fitted, welded sheet metal inserts and filling the cavities with suitable insulation.

Profile basic depths:

Outer frame, mullion, transom 60 mm

Leaf frame 60 mm

Face widths:

Centre meeting stile without break-in/out 115 mm

Centre meeting stile with break-in/out 173 mm

Leaf frame without break-in/out 70 mm

Leaf frame with break-in/out 190 mm



