## Lift-and-slide door made from thermally broken steel profiles JANSEN Janisol

Design features:

The highly thermally insulated Janisol lift-and-slide steel system consists of two cold-rolled steel half profiles and continuous, glass fibre-reinforced isolators. The high-quality insulating bar securely joins the half profiles together. It withstands 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 are securely welded together. The visible welds must be fully smoothed.

The face widths of the profiles (without end stops) are 25mm and 50mm.

Continuous double rebate weatherstrip.

Only tested fittings belonging to the system may be used. This is binding for compliance with the CE marking.

The infill units are installed on both sides with EPDM weatherstrips or packing tape and permanently elastic sealing compound.

The regulations of the glazing manufacturer must be observed.

A glazing bead is installed on one side of the infill units in the construction.

Watertightness in accordance with EN 12208 up to class 6A

Wind load resistance in accordance with EN 12210 up to C2

Air permeability in accordance with EN 12207 up to class 4

Heat transfer coefficient in accordance with EN 10077-1 from 1.8 W/m2K

Sound reduction in accordance with EN ISO 140-3 up to 39dB

Burglar resistance in accordance with EN 1627 up to RC2

Profile basic depths:

Outer frame, mullion, transom 185 mm

Leaf frame 80 mm

Profile face widths:

Outer frame, side and top 25 mm

Four-sided leaf frame 85 mm

