## Doors made from uninsulated steel profiles. JANSEN Economy 50 system

Design features:

The uninsulated Economy 50 steel system is produced from 1.5 mm thick steel strip.

All corner and T-joints are securely welded together. The visible welds must be fully smoothed.

The face width of the profiles (without end stops) is 25 mm, 50 mm or 75 mm.

Door leaves flush-fitted on the inside and outside with all-round shadow joint 5 mm wide and double all-round rebate weatherstrip. Depending on the design, with one or two weatherstrips in the threshold area.

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.

Wider sill rails or transoms are possible through the use of profile combinations in conjunction with flush-fitted, welded steel inserts and fill the cavities with suitable insulation.

Watertightness in accordance with EN 12208 up to class 5A

Wind load resistance in accordance with EN 12210 up to C5

Air permeability in accordance with EN 12207 up to class 3

Heat transfer coefficient in accordance with EN 10077-1 from 4.3 W/m2K

Sound reduction in accordance with EN ISO 140-3   up to 45 dB

Strength requirements in accordance with EN 1192 up to class 4

Profile basic depths:

Outer frame, mullion, transom 50 mm

Leaf frame 50 mm

Profile face widths:

Outer frame, side and top 65 mm

Leaf frame, sill 90 mm

Three-sided leaf frame 65 mm

