## Doors made from uninsulated steel profiles from the JANSEN Economy 50 E30 system

Design features:

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

All corner and T-joints must be welded together to produce frictional locking. 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 groove 5 mm wide and continuous double rebate weatherstrip. Depending on the detail in the threshold area, the weatherstrip is continuous or designed with a floor seal or with fins.

Only tested fittings belonging to the system may be used. This is binding for compliance with the E30 requirement.

The infill units are installed with CR weatherstrips on both sides. Alternatively, low flammability Jansen sealing tapes with or without permanently elastic sealing compound can be used. The regulations of the glazing manufacturer must be observed.

The infill units are installed in the construction with glazing bead on one or both sides.

Widened sill rails or transoms are made possible by using profile combinations in conjunction with flush-fitted, welded or screwed-in sheet metal inserts and filling the cavities with suitable insulation. Alternatively, extensions can also be made by means of reduced Jansen profiles and welded or screwed-in sheets.

Profile basic depths:

Outer frame, mullion, transom 50 mm

Leaf frame 50 mm

Profile face widths:

Outer frame, side and top 40 / 65 / 90 mm

Leaf frame, sill 70 / 90 / 100 mm

Three-sided leaf frame 65 mm

Face widths:

Outer frame with leaf 108 / 130 / 155 / 180 mm

Middle section 150 mm

