## Windows made from thermally broken steel profiles. JANSEN Janisol Arte 66

Design features:

The thermally insulated Janisol Arte 66 consists of two cold-rolled steel half profiles and continuous, glass fibre-reinforced isolators. 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 10 mm and 13 mm.

Window vent face-fitted on the inside with inner and outer rebate weatherstrip. Controlled outward drainage of the vent rebate must be ensured.

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 9A

Wind load resistance in accordance with EN 12210 up to C5

Air permeability in accordance with EN 12207   up to class 4

Heat transfer coefficient in accordance with EN 10077-1 from 1.9 W/m2K

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

Mechanical strength according to EN 13115 up to class 4

Impact resistance according to EN 13049 up to class 4

Profile basic depths:

Outer frame, mullion, transom 66 mm

Vent frame 70 mm

Profile face widths:

Outer frame, side and top 30 mm

Four-sided vent frame 23 mm

