## Windows made from thermally broken steel profiles. JANSEN Janisol Arte 2.0 system

Design features:

The thermally insulated Janisol Arte 2.0 steel system consists of two cold-rolled steel half profiles and a continuous, glass fibre-reinforced isolator.

Proof of the shear bond in accordance with EN 14024 must be provided.

The requirements in accordance with the AgBB procedure (Committee for Health-related Evaluation of Building Products) for the emissions behaviour of building products must be fulfilled.

The window system for reconstructions of glazing in existing buildings with inside and outside vent offsetting of 5 mm and slender face widths.

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 10 mm or 25 mm.

Window vent face-fitted on the inside or outside 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 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 9A

Wind load resistance in accordance with EN 12210 up to C4

Air permeability in accordance with EN 12207   up to class 4

Heat transfer coefficient in accordance with EN 10077-1 from 1.6 W/m2K

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

Mechanical durability test in accordance with EN 12400 Class 4

Impact resistance in accordance with EN 13049 Class 4

Profile basic depths:

Outer frame, mullion, transom 60 mm

Vent frame 60 mm

Profile face widths:

Outer frame, side and top 25 mm

Four-sided vent frame 20 mm

