Sapa Glazed Elements
3086/3086 SX high insulated wall partitions
Sapa Glazed Elements 3086/3086 SX

3086 is available in two insulation variants, Standard and SX. Glazing is carried out from the inside. Acoustic insulation up to $R_w$ 46 dB.

Glazed Elements 3086 and 3086 SX have 86 mm deep aluminium profiles. These have basic insulation, with 42 mm of glass fibre reinforced polyamide strips. For optimum energy performance, choose Glazed Element 3086 SX with Sapa Thermo N9 insulating strips in profiles.

Rebate for glass 20–56 (64) mm.
Glazing is carried out from the inside, using glazing beads. Outside and inside gaskets have straight edges to maximise the clear area of glass.

The system has single-panel ventilation/drainage, which means that each glass/infill panel is ventilated and drained independently. The system also has a two-stage seal, with the outer gasket acting as a rain stop, and the inner gasket acting as the main seal (air/water).

Glazed element 3086 powder coated
Constructed as a curtain wall, normally single-storey height between floor slabs and columns, glazed from the inside.

For even higher insulation 3086 is also available in PX-version. Read more about PX in Sapa Windows 1086, 1086 SX and 1086 PX.
Glazed element 3086 profiles

86 mm deep with integrated glazing beads on outside. Rebate for double- or triple-glazed unit.

Column profile 118 mm deep. Rebate for double- or triple-glazed unit.

86 mm deep with integrated glazing beads on outside. SX specification has insulating strips of Sapa Thermo N9 in the profiles. Rebate for double- or triple-glazed unit.

Column profile 118 mm deep. Rebate for double- or triple-glazed unit.
Sapa Glazed Element 3086 SX, triple-glazed

Glass, $U_g$ W/m²K (centre point), Spacer, warm edge.

<table>
<thead>
<tr>
<th>Profile share</th>
<th>0.5</th>
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<th>0.7</th>
<th>0.8</th>
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Doors in 3086/3086 SX, see Doors.
Windows in 3086/3086 SX, see Windows.

3086/3086 SX insulated profiles

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Glass thickness 20–64 mm

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Glass double-glazed and triple-glazed: 20–64 mm

Asymmetrically installed glass, integrated glazing bead

Full infill panel Exterior surface of sheet metal/facade glazing, interior surface of sheet metal/board.

Fire protection class EI 30, see Fire

Symmetrically installed glass, design glazing bead

Glass thickness 32–42 mm

Glazed element 3086 with window 1086 and door 2086

Sapa Window 1086

Sapa Window 1086 SX

Sapa Door 2086 with narrow profile

Sapa Door 2086 with module profile
Glazed element 3086/3086 SX profiles
Glazed element 3086, examples of unclassified infill panels

Infill panel F1
U-value at centre point: as low as 0.54 W/m²K.
For areas with little mechanical impact, such as high-level infill panels.
1.5 mm aluminium sheet
max. 60 mm insulation
1.5 mm aluminium sheet

Infill panel F2
U-value at centre point: as low as 0.61 W/m²K.
For areas with moderate mechanical impact, such as low-level infill panels.
1.5 mm aluminium sheet
4.8 mm board
max. 50 mm insulation
4.8 mm board
1.5 mm aluminium sheet

Infill panel F3
U-value at centre point: as low as 0.61 W/m²K.
For areas with high mechanical impact from outside.
1.5 mm aluminium sheet
max. 50 mm insulation
10 mm wood fibre board
1.5 mm aluminium sheet

Glass 3086, 3086 SX

Glass thickness 20-64 mm

Rebate depth
Glass thickness

Outside/Outer gasket

Inside/Inner gasket

Inside glazing bead

Daylight

Ventilation/Drainage