Soffit system made of high-quality materials for a defined installation of the window free of thermal bridges.
TRAV® frame
WINDOW FRAME

WINDOW CENTRED

Optional equipment:
- Exterior window sill made of aluminium or cultured marble.
- Interior window sill made of cultured marble
- Allowance for plaster 70x15 mm (on 3 sides: Box, sofit left/right)
- Base profiles for various installation situations

M_o
without shading element

M_ok
for shutter installation

Legend
- FB  complete width
- FH  complete height
- ALB  architectural clear width
- ALH  architectural clear height
- RLB  rough opening width
- 1) Cutting check level
- 2) Window support level
- 3) Distance between cutting check and window support level
- 4) Rough opening height top
- 5) Upper edge breast/parapet
- 6) Window sill slope (5°)
- 7) Wall thickness
- 8) Thickness thermal insulation composite system
- 9) Window frame insulation
- 10) Plaster thickness on the outside
- 11) Setoff for the window drainage
- 12) Position window from the outside
- 13) Fastening strip made of wood for shutter installation

Installation example TRAV® frame M_ok

Installation steps

Step 1: Placement of the soffit system
Step 2: Installation of the thermal insulation composite system
Step 3: Completing the facade

Connection at the top

Thermal image analysis as per DIN 4108 supplementary sheet-2, image 60 TRAV® frame M_o 420

\[ \Psi = 0.078 \text{ W/mK} \quad (\geq 0.15 \text{ W/mK}) \]

\[ f_{\text{pc}} = 0.90 \quad (\geq 0.70) \]

Connection at the bottom

Thermal image analysis as per DIN 4108 supplementary sheet-2, image 42 TRAV® frame M_o 420

\[ \Psi = 0.012 \text{ W/mK} \quad (\geq 0.07 \text{ W/mK}) \]

\[ f_{\text{pc}} = 0.78 \quad (\geq 0.70) \]

Lateral connection

Thermal image analysis as per DIN 4108 supplementary sheet-2, image 48 TRAV® frame M_o 420

\[ \Psi = -0.028 \text{ W/mK} \quad (\leq 0.05 \text{ W/mK}) \]

\[ f_{\text{pc}} = 0.88 \quad (\geq 0.70) \]

* Limit value as per DIN 4108 supplementary sheet 2

Tightness against driving rain up to 600Pa
air permeability \( a < 0.1 \text{m}^3/[\text{m h (daPa)}^{(2/3)}] \)

Limit sizes

<table>
<thead>
<tr>
<th>Limit sizes</th>
<th>max. width</th>
<th>Max. height</th>
<th>max. wall thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAV® frame M_o, M_ok</td>
<td>4200 mm</td>
<td>3300 mm</td>
<td>650 mm</td>
</tr>
</tbody>
</table>

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Subject to modifications

The soffit system HELLA TRAV® frame including HELLA aluminium window sill is tested and certified by the ift-Rosenheim in accordance with the ift-directive MO-01/1 building connection of windows - part 1, section 5 (test report no. PB-003-030310-de-01).