Soffit system made of high-quality materials for a defined installation of the window free of thermal bridges.
WINDOW FLUSH ON THE INSIDE

Optional equipment:
- Exterior window sill made of aluminium or cultured marble.
- Base profiles for various installation situations
- Fibre cement board between guide rail and window

I_o
without shading element

I_ok
for shutter installation

Installation example TRAV®frame I_ok

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) Window frame thickness
12) Fastening strip made of wood for shutter installation

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 I_o 420

\[
\begin{align*}
\psi & = 0.11 \text{ W/mK} \\
\varphi & \leq 0.15 \text{ W/mK}^2
\end{align*}
\]

Connection at the bottom
Thermal image analysis as per DIN 4108 supplementary sheet-2, image 42 TRAV®frame I_o 420

\[
\begin{align*}
\psi & = 0.041 \text{ W/mK} \\
\varphi & \leq 0.07 \text{ W/mK}^2
\end{align*}
\]

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

\[
\begin{align*}
\psi & = -0.017 \text{ W/mK} \\
\varphi & \leq 0.05 \text{ W/mK}^2
\end{align*}
\]

* 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>TRAV®frame I_o, I_ok</th>
<th>max. width</th>
<th>Max. height</th>
<th>max. wall thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>I_o</td>
<td>4200 mm</td>
<td>3300 mm</td>
<td>650 mm</td>
</tr>
</tbody>
</table>

Subject to modifications

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