Soffit system made of high-quality materials for a defined installation of the sun protection and the window free of thermal bridges.
TRAV®frame
ROLLER SHUTTER

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
- Insect roller screen

I_rol
Roller shutter box

I_rol-IS
Roller shutter box with accommodation of the insect roller screen and built in roller shutter as left roller

Legend
ST recess depth (210)
SH recess height (280/230)
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) Lintel height
7) Ceiling insulation
8) Window sill slope (5°)
9) Wall thickness
10) Thickness thermal insulation composite system
11) Window frame insulation
12) Plaster flange
13) Window frame thickness

Installation example TRAV®frame I_rol

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_rol 210/280-420
U_{WW} 0.22 W/m²K (≤ 0.85 W/m²K)*
\( \Psi \) 0.099 W/m²K (≤ 0.32 W/m²K)*
f_{Ww} 0.91 (≥ 0.70)*

Connection at the bottom

Thermal image analysis as per DIN 4108 supplementary sheet-2, image 48
TRAV®frame I_rol 210/280-420
\( \Psi \) 0.041 W/m²K (≥ 0.07 W/m²K)*
f_{Ww} 0.79 (≥ 0.70)*

Lateral connection

Thermal image analysis as per DIN 4108 supplementary sheet-2, image 42
TRAV®frame I_rol 210/280-420
\( \Psi \) -0.017 W/m²K (≥ 0.05 W/m²K)*
f_{Ww} 0.90 (≥ 0.70)*

* Limit value as per DIN 4108 supplementary sheet 2

Tightness against driving rain up to 600Pa,
air permeability a < 0.1m³/(m h (daPa)^2/3)]

Limit sizes

<table>
<thead>
<tr>
<th></th>
<th>max. width</th>
<th>Max. height</th>
<th>max. wall thickness</th>
</tr>
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<tbody>
<tr>
<td>TRAV®frame I_rol, I_rol-IS</td>
<td>4200 mm</td>
<td>3300 mm</td>
<td>650 mm</td>
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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-623-020310-da-01).

Subject to modifications

www.hella.info