SOFFIT SYSTEMS

TRAV®frame
ROLLER SHUTTER
WINDOW CENTRED

Soffit system made of high-quality materials for a defined installation of the sun protection and the window free of thermal bridges.
**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, soffit left/right)
- Base profiles for various installation situations
- Insect roller screen

**M_rol**
Roller shutter box for built in roller shutter as right roller

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

---

### Installation example TRAV®frame M_rol-IS

![Diagram of installation example](image)

**Legend**
- ST: Recess depth (210)
- SH: Recess height (300/250)
- 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. Position window from the outside
14. Setoff for the window drainage

**Connection at the top**

- Thermal image analysis as per DIN 4108 supplementary sheet-2, image 60
  - TRAV®frame M_rol-IS 210/300-420
  - $U_{res} = 0.22 W/m²K$ ($\leq 0.35 W/m²K^*$)
  - $\Psi = 0.11 W/m²K$ ($\leq 0.32 W/m²K^*$)
  - $f_{rel} = 0.87$ ($\leq 0.70^*$)

**Connection at the bottom**

- Thermal image analysis as per DIN 4108 supplementary sheet-2, image 48
  - TRAV®frame M_rol-IS 210/300-420
  - $\Psi = 0.016 W/m²K$ ($\leq 0.07 W/m²K^*$)
  - $f_{rel} = 0.79$ ($\leq 0.70^*$)

**Lateral connection**

- Thermal image analysis as per DIN 4108 supplementary sheet-2, image 42
  - TRAV®frame M_rol-IS 210/300-420
  - $\Psi = -0.036 W/m²K$ ($\leq 0.05 W/m²K^*$)
  - $f_{rel} = 0.89$ ($\leq 0.70^*$)

**Sound insulation value 44 dB**

(ift test report No. PB 01-E01-04-de-01)

---

### Limit sizes

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

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-523-020310-de-01).

---

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

---

Subject to modifications

www.hella.info