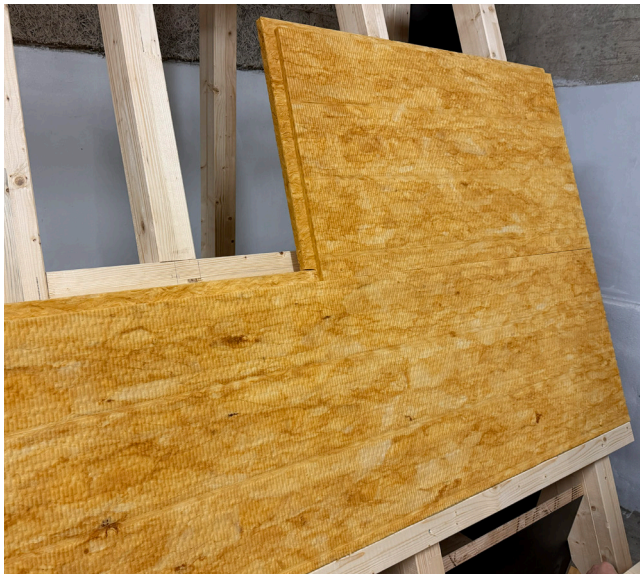
LEVELUP with VELUX

Assembly instructions in pictures

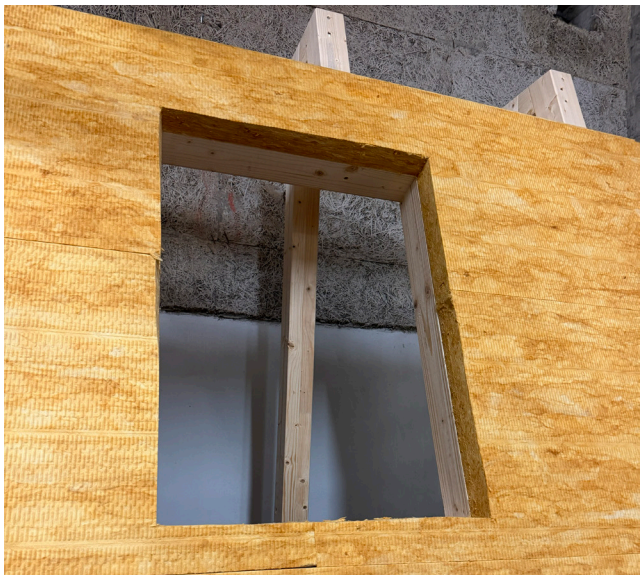
A4 | V25.12

Integration of VELUX roof windows with original VELUX ODL flashing for standard installation height in Megasol LEVEL up with mounting subframe, subroof, and rafter insulation from Isover. The product-specific assembly instructions from ISOVER and VELUX must also be observed.

Assembly sequence in pictures



Install above-rafter insulation (depending on roof structure). Example: Isorigid from Isover.



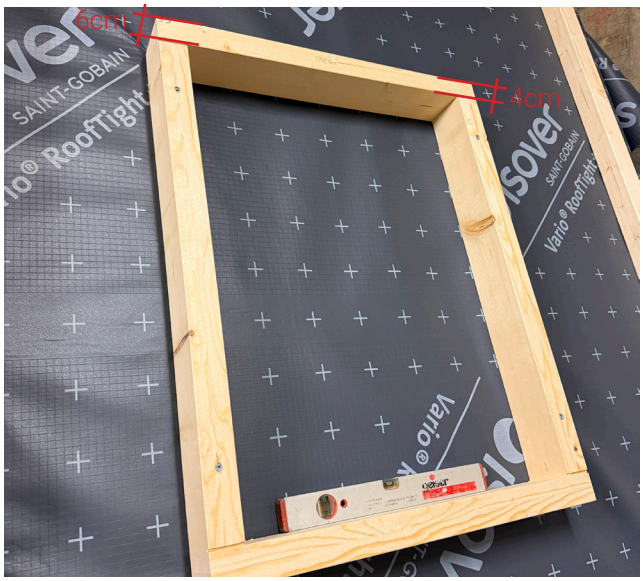
Measure the skylight and cut out the insulation in this area.

Install the underlay membrane over the entire surface.*
Here is an example of an underlay membrane from ISOVER:
Vario® RoofTight+

Apply nail sealing tape to the counterbracing (manufacturer's guidelines for underlay membranes) and install.

* The choice of underlay membrane must comply with the requirements of standard SIA 232/1.

Assembly sequence in pictures



Position the mounting frame (wooden subframe).
Layout based on technical drawings Megasol LEVEL up.
Align, angle, and screw the subframe in place.

Notes on wooden subframes:

- Internal horizontal dimension: window width + 60 mm
- Internal vertical dimension: window height + 50 mm
- Height: height of counterbattens + height of roof battens (e.g., 80 mm + 40 mm = 120 mm)
- Make the auxiliary frame conical at the top, e.g., from 60 mm to 40 mm.
- Horizontal notch in all corners for mounting brackets

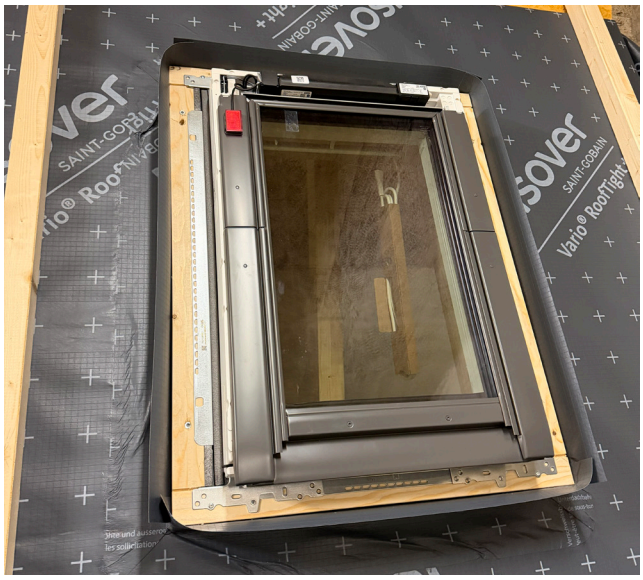
Cut open the skylight opening.

Place the pre-assembled apron provided by the customer.

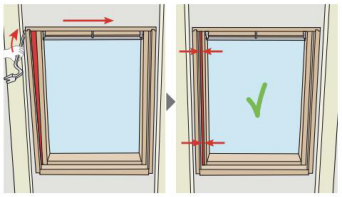
Alternatively, pull the underlay membrane up onto the mounting frame in the conventional manner according to the manufacturer's instructions.

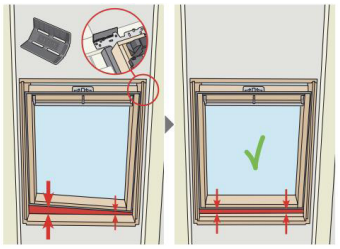
Assembly sequence in pictures

Install BDX insulation frames from VELUX.



Align the skylights in the “Winkel” and “Winsche” and screw them into the subframe.

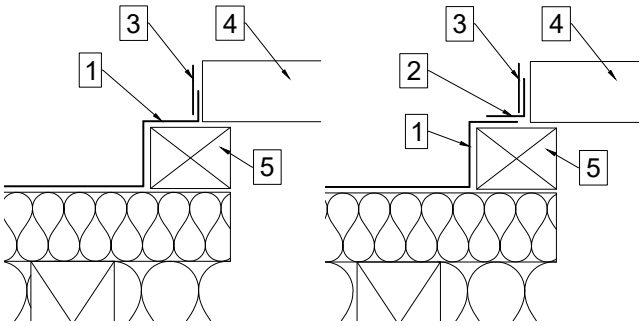




Assembly sequence in pictures

Weld the apron homogeneously over the entire surface. Tape the underlay membrane to the skylight.

1 Underlay membrane, apron over subframe
2 Apron Subframe/roof window
3 Adhesive tape
4 Velux roof window
5 Subframe



Install roof battens according to the layout.

Install the bottom element of the ODL flashing for standard installation height from VELUX.

Attach the side elements of the ODL flashing for standard installation height from VELUX.

Assembly sequence in pictures

Install drainage and side elements of the roof window.

Attach the upper elements of the skylight.

Install the head piece of the ODL flashing for standard installation height.

Assembly sequence in pictures

Fully assembled ODL flashing for standard installation height.

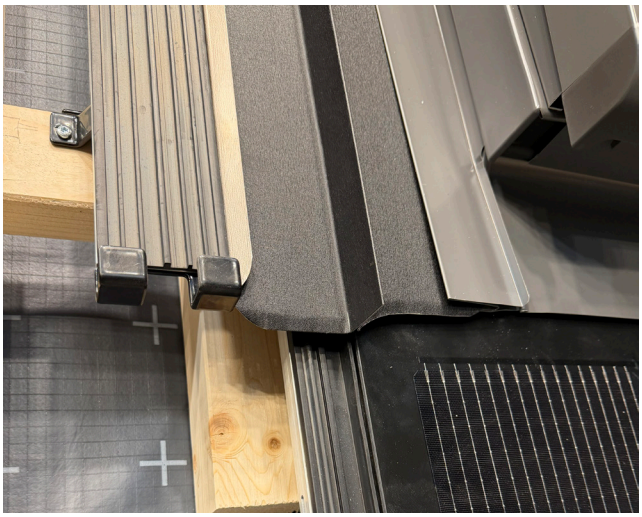
Installation of the LEVEL up substructure (hooks and rails)

To the left and right of the skylight:
LEVEL up rail hooks with LEVEL up rail U
or LEVEL up hook U, depending on the height of the skylight.

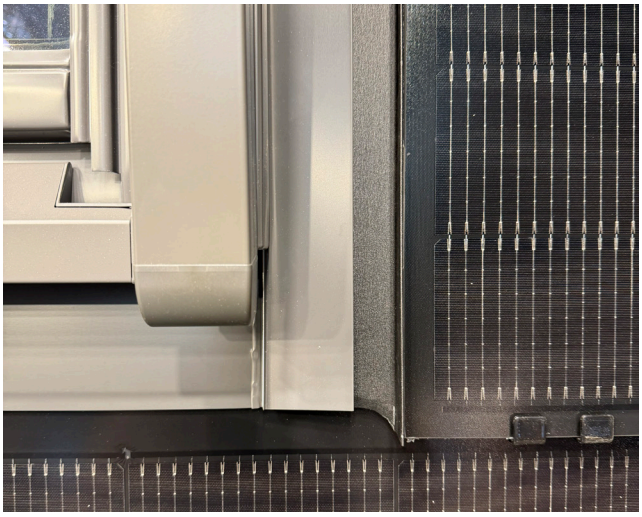
Assembly sequence in pictures

Insert and secure the side transition plates.
Drawings of the on-site sheet metal tinsmith plates can be found at the end of this document.

The module below and above can be inserted before or after.



Insert modules to the left and right of the skylight.
Optionally, attach a Kompriband between the module and the sheet metal tinsmith.



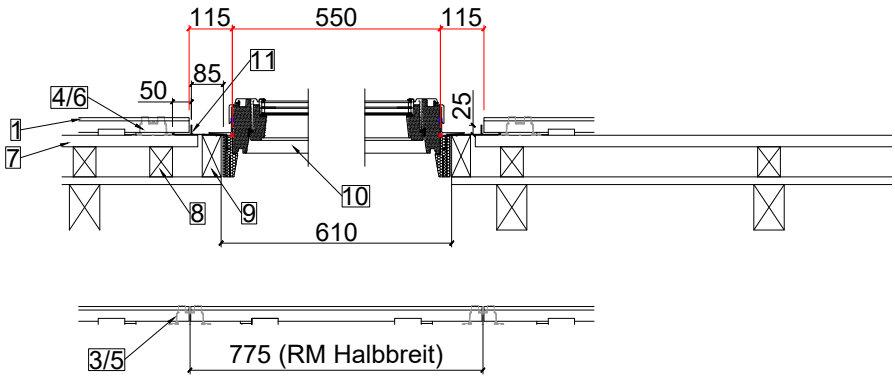
Assembly sequence in pictures

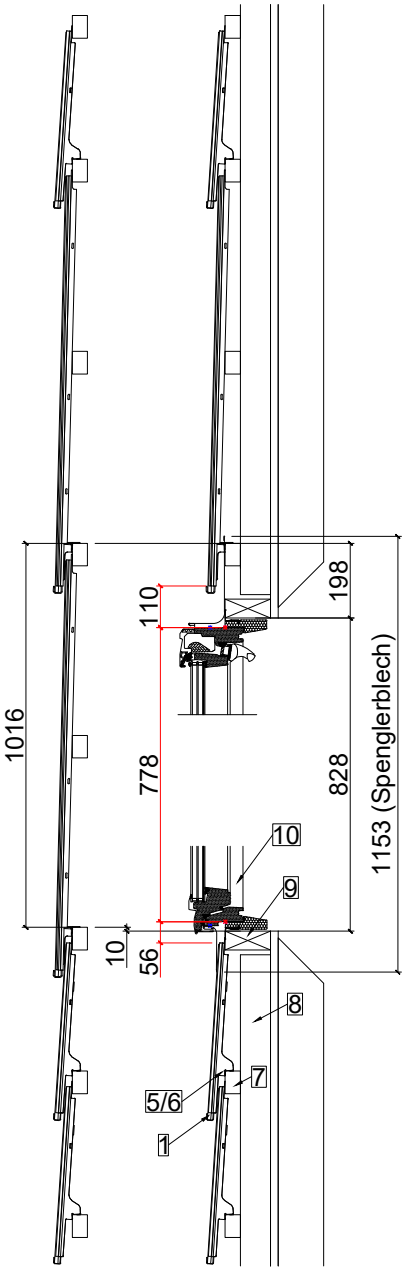
Fully integrated VELUX roof window in LEVEL up.

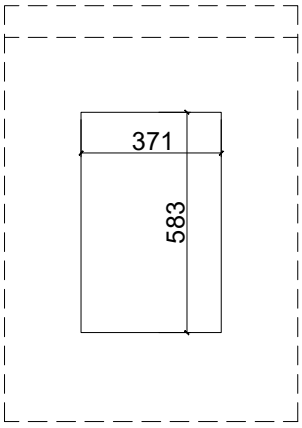
With roof window VELUX MK06

V25.12

1 LEVEL up module
2 LEVEL up rail hook
3 LEVEL up rail Z 1100 mm
4 LEVEL up rail U 1100 mm
5 LEVEL up hook Z
6 LEVEL up hook U
7 Roof battens
8 Counterbattens







9 Subframe / mounting frame
10 VELUX roof window
11 Transition plate (sheet metal tinsmith) on the side

With roof window VELUX MK06

V25.12

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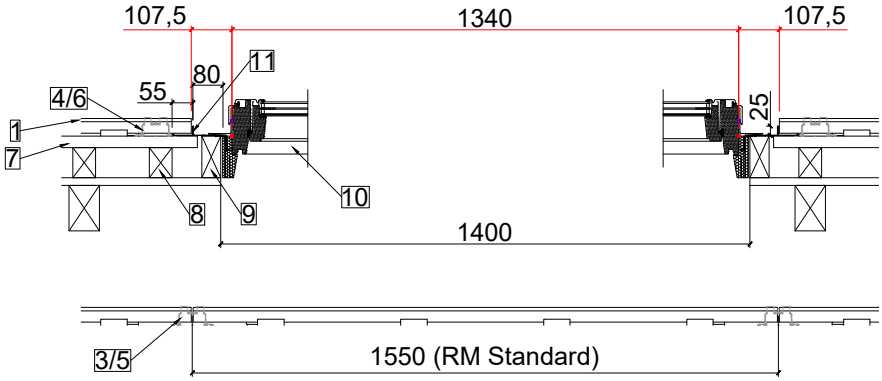

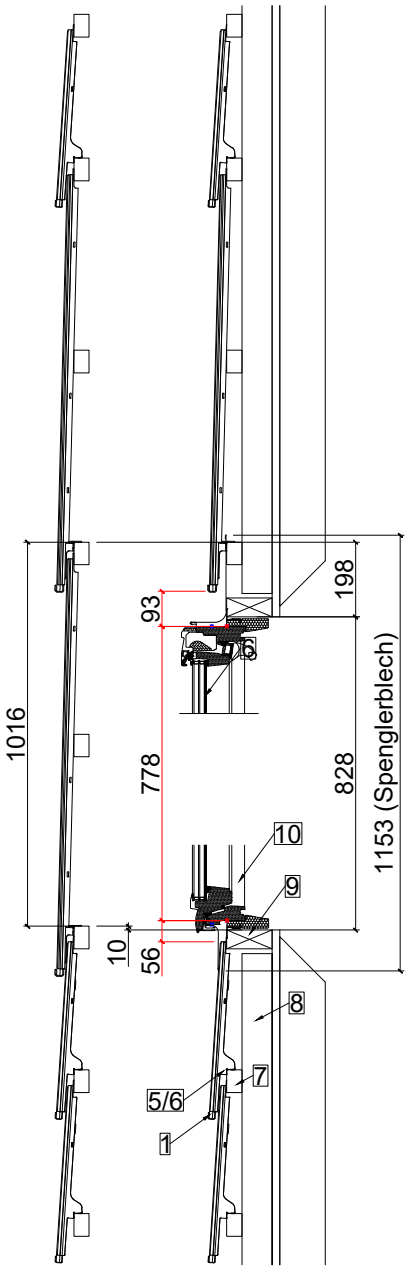

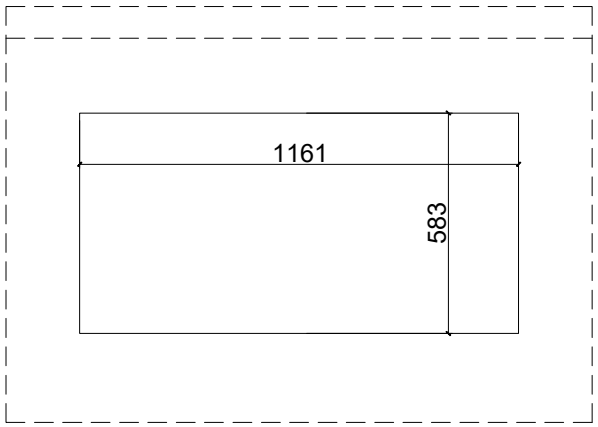

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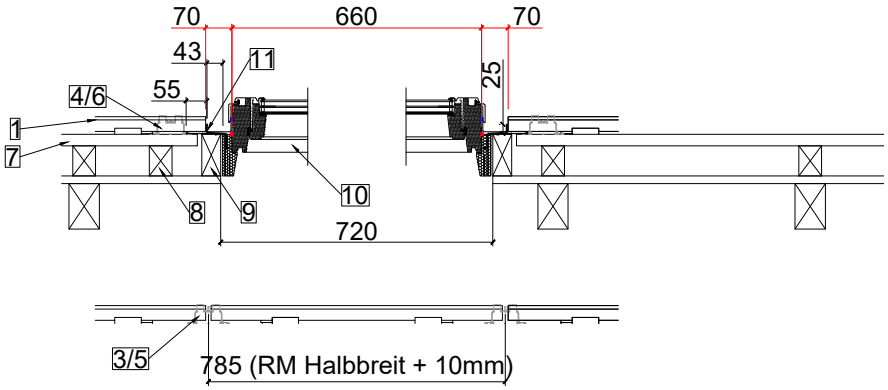

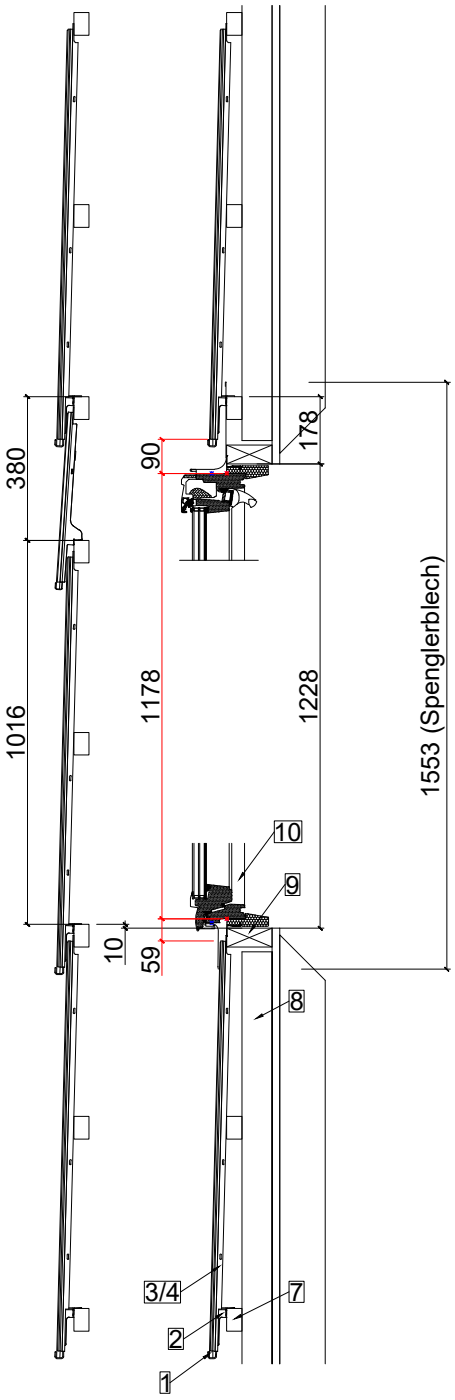

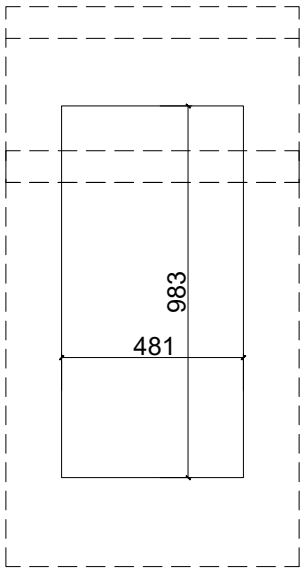

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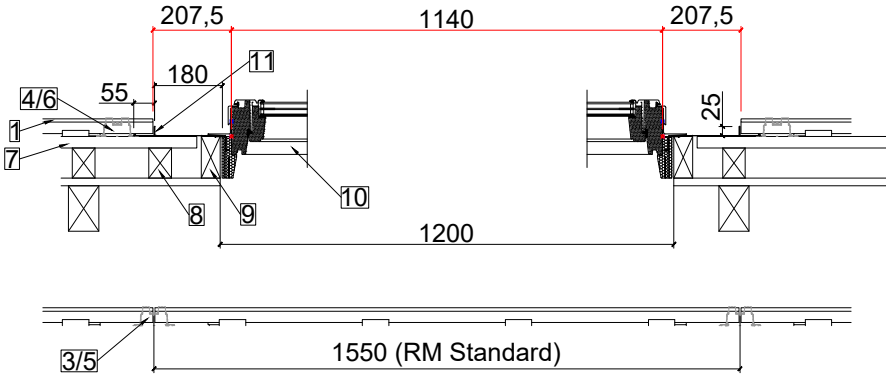

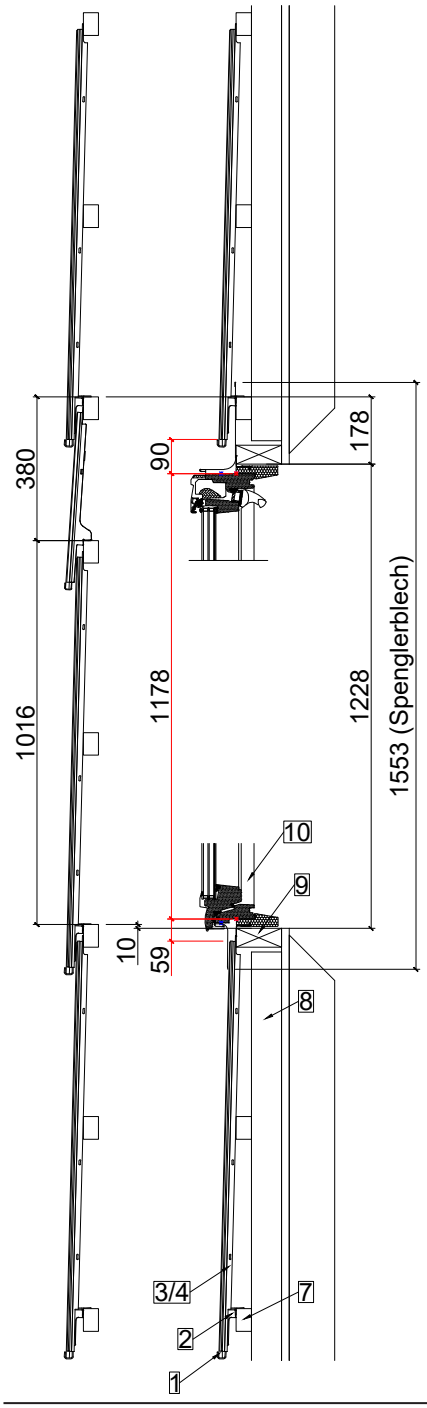

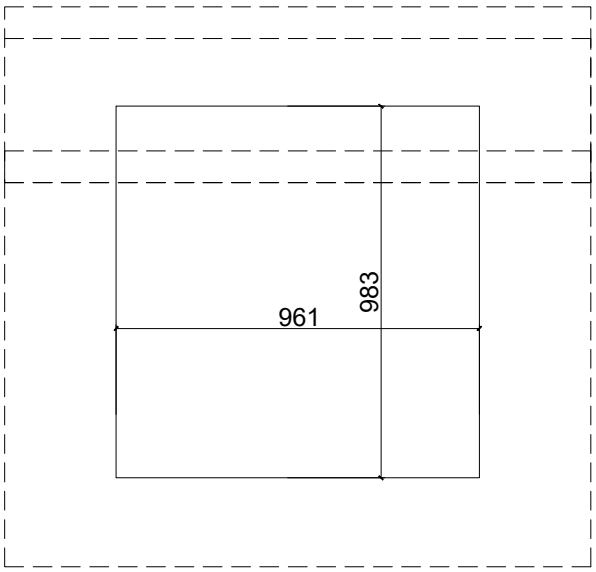

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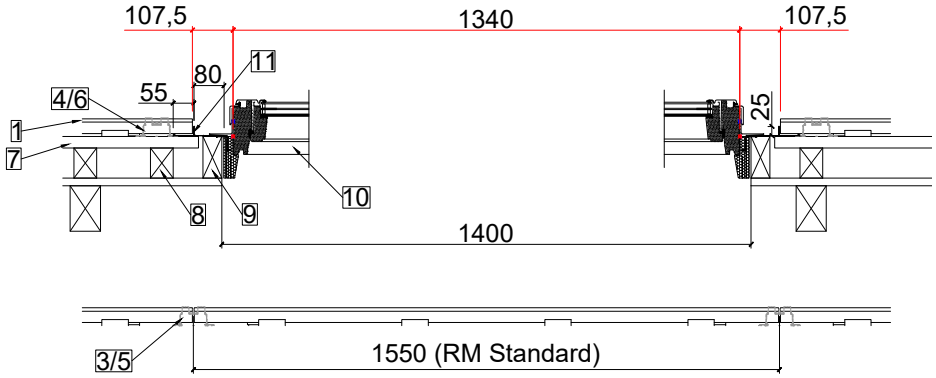

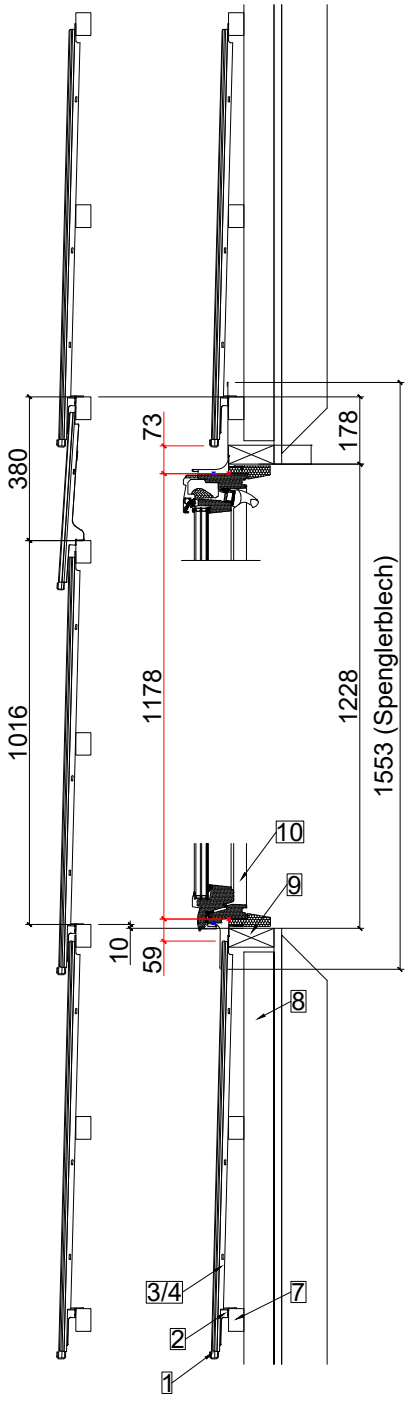

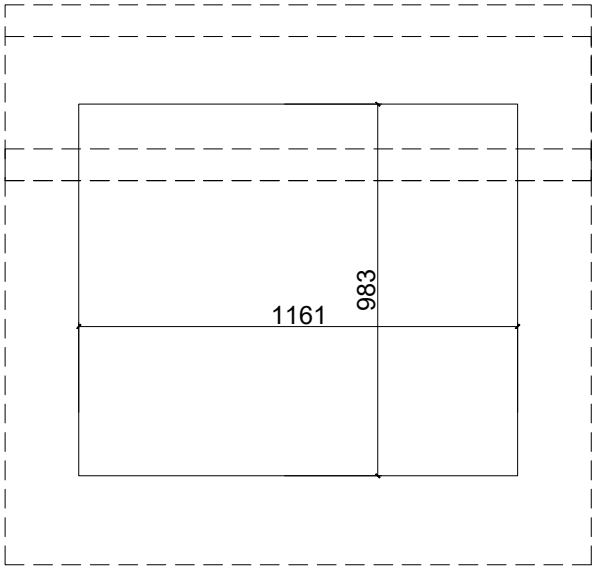

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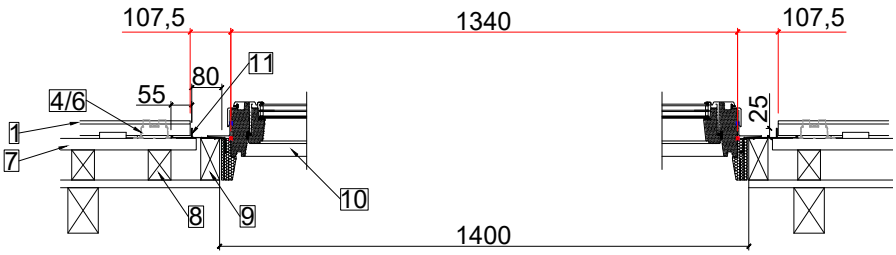
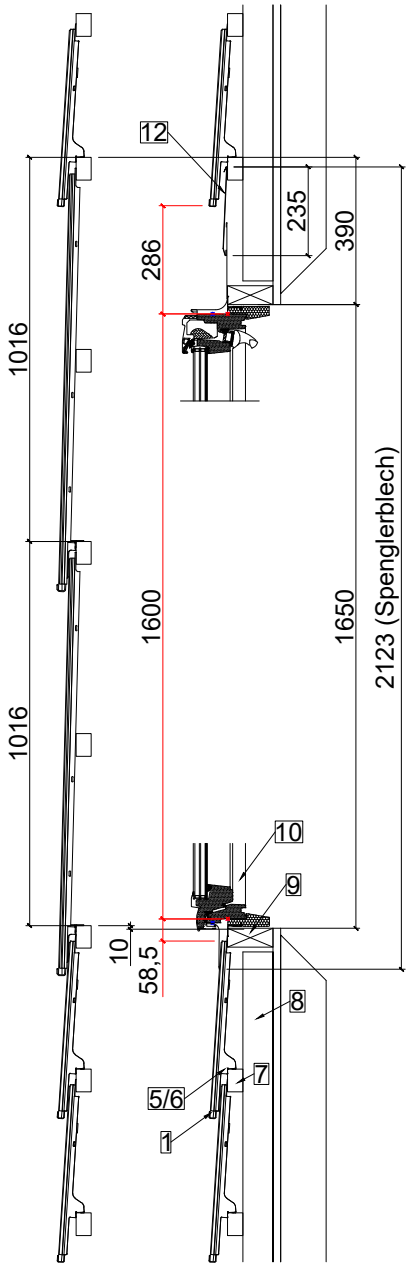
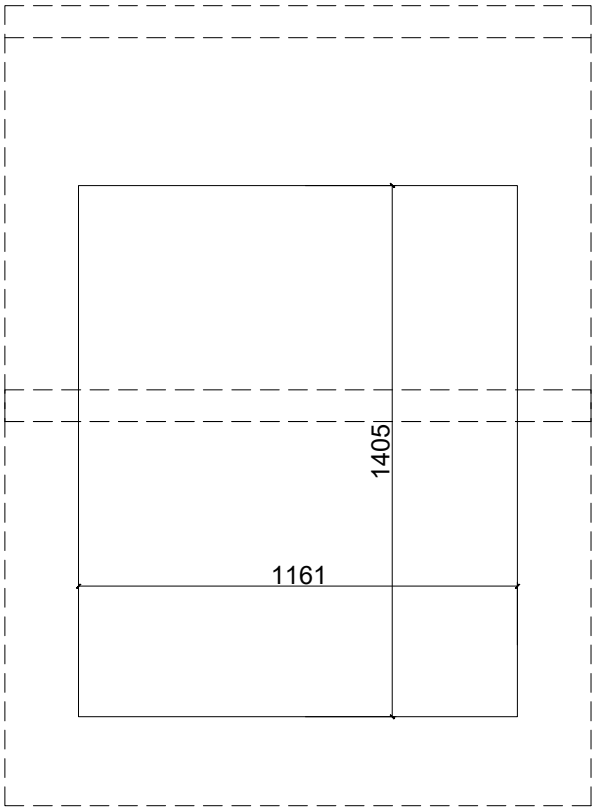




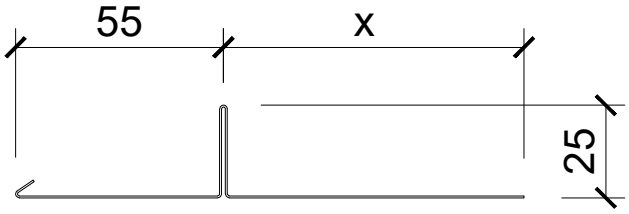


9 Subframe / mounting frame
10 VELUX roof window
11 Transition plate (sheet metal tinsmith) on the side
12 Transition plate (sheet metal tinsmith plate) at the top

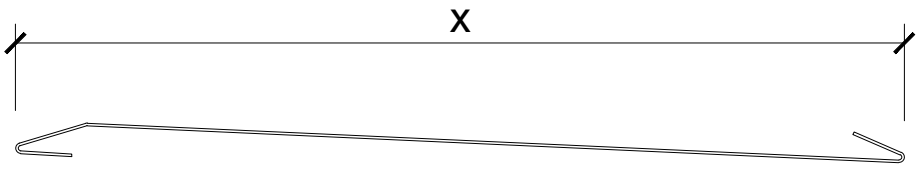
VELUX roof windows - Transitions

Sketches of transition plate

Sketch of side transition plates
(dimension “x” depending on skylight, specified in the corresponding drawings).



Sketch of upper transition plate
(dimension “x” depending on skylight, specified in the corresponding drawings).



Recommended sheet thickness:	0.7mm
VELUX roof window color:	Exterior cladding in aluminum, baked enamel finish in umbra gray NCS S 7500-N (approximately RAL 7043)
Matching LEVEL up optics:	fullblack

Further integration options:

- Transition plate adapted accordingly
- Connections similar to LEVEL up Planning information
- Use blind modules or supplementary plates

Snow guard above VELUX roof window

To protect the external roller shutter, a MATCH Slate snow guard (LEVEL up planning information - snow guard in the field) can be installed above it.