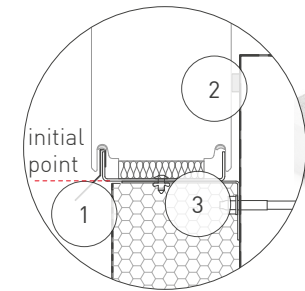


TRIMO XLINE

PREPARE THE SUBSTRUCTURE

4 INSTALLATION GRIDLINE

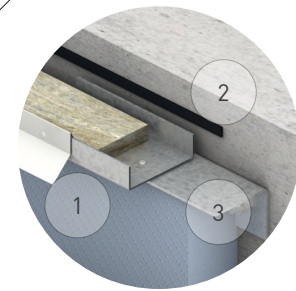
- Mark the theoretical axes.
- Use them to align the panels with the project documentation.



1. Drip flashing
2. Sealing tape
3. Panel support profile

2 L-PROFILE

- Install and level the L-profile.
- Apply sealing tape to the plinth.



VERIFY SUBSTRUCTURE PLACEMENT

Check that the supporting structure is installed at all required support locations such as:

- foundation beam,
- parapet edge,
- openings and
- other.

CHECK STRUCTURAL FLATNESS

Check and correct deviations in substructure before continuing panel installation.

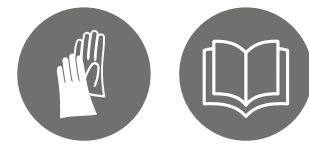
Follow IFBS guideline PA 09 for detailed requirements.
Example requirement: $\pm 2L/1000$ for single-span systems.

1 VAPOUR-TIGHTNESS

- Seal gaps in the substructure with ALU-PET self-adhesive tape.
- Apply PE self-adhesive sealing tape below each panel.

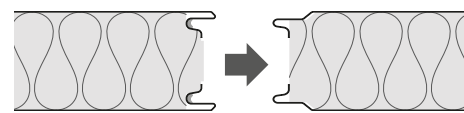
3 U-SHAPED SUPPORT

- Install the panel support profile.
- Keep max. 150 mm from panel ends and max. 100 cm between supports.



XLINE FAÇADE INSTALLATION GUIDE

HORIZONTAL



INSTALL THE FIRST ROW OF PANELS

Avoid handling panels in heavy wind.

Follow the installation direction and sequence to prevent colour mismatch.

9 FASTENING

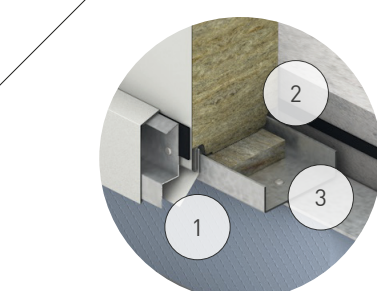
- Remove protective foil at each screw location before installing the screw.
- Fasten the panel according to the static calculation

8 POSITION & ALIGNMENT

- Position the panel according to the marked axes.
- Check alignment before fastening.

5 CORNER PANEL PREPARATION

Cut the internal steel sheet at the corner to prevent thermal bridging.



1. Drip flashing
2. Self adhesive sealing tape
3. Panel support profile

7 PANEL IDENTIFICATION

- Check the panel production number.
- Install the panel according to the project documentation.

10 SEALING

Apply mastic sealant to the panel tongue (internal and external side).

6 MINERAL WOOL & DRIP FLASHING

- Fill the gap with mineral wool.
- Install the drip flashing before installing the first panel.



1. Mastic sealant

INSTALL THE REMAINING PANELS

12 PANEL LIFTING

- Lift the panel with approved panel grippers or vacuum lifter.
- Read the lifting tool instructions before use

11 CUT-OUTS

- Make cut-outs with appropriate tools.
- Handle panels with cut-outs carefully.

15 FASTENING

- Remove protective foil at each screw location before installing the screw.
- Fasten the panel according to the static calculation.

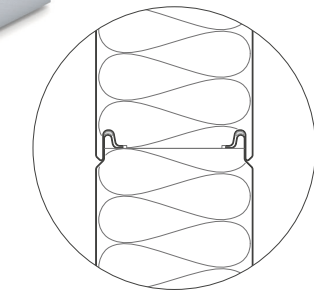
Remove protective foil from all installed panels by the end of each working day.

13 POSITION & SEALING

- Position the panel according to the marked axes.
- Apply mastic sealant to the joint area.

14 GROOVE-TONGUE COMPRESSION

- Compress the groove-tongue joint.
- Check sealing tube compression: approx. 80%.



1. Mastic sealant

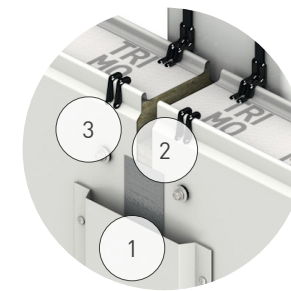
FINISH THE WALL WITH FLASHINGS

19

- Install the vapour-permeable EPDM foil.
- Fasten the parapet cap supports.
- Form and install the parapet cap according to the project detail.

17 DRIP FLASHING

- Fasten the drip flashing mask to the support with blind rivets.
- Follow the project detail.



1. Joint flashing
2. Vapour permeable tape
3. Fastening with screw

16 JOINT DETAIL

- Fill the joint gap with mineral wool.
- Seal the joint with vapour-permeable tape.
- Fasten the joint flashing with blind rivets.

Make sure the gap between panels is filled with mineral wool.

Finish façade termination according to the project detail.

Check that termination details are watertight and fully insulated with mineral wool.

Read more: Details - Internal Wall System

Read more: Use and maintenance of Trimo products

CHECK-LIST

- ☐ Substructure flatness and support positions are checked.
☐ Theoretical axes are marked.
☐ Support profiles and sealing tape are installed.
- ☐ First-row panels are positioned, aligned and fastened according to the project documentation and static calculation.
☐ Panel joints are sealed and exposed mineral wool is protected.
- ☐ Panel joints are sealed and compressed before fastening.
☐ Panel alignment is checked against the marked axes, and deviations are corrected before continuing.
☐ Panels are fastened according to the static calculation
- ☐ Panel gaps are filled with mineral wool and sealed.
☐ Flashings, corners and parapet caps are installed according to the project details.

XLINE DOCUMENTS

Read more: Details - Internal Wall System

Read more: Use and maintenance of Trimo products

TRIMO

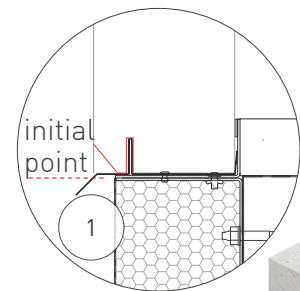
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TRIMO XLINE

PREPARE THE SUBSTRUCTURE

3 INSTALLATION GRIDLINE

- Mark the theoretical axes.
- Use them to align the panels with the project documentation.



1. Drip flashing

5 PANEL ORIENTATION

- Install the first panel with the tongue facing the direction of installation.
- Check the project documentation to identify the tongue and groove sides.

2 L-PROFILE

- Install and level the L-profile.
- Apply sealing tape to the plinth.

1. Drip flashing
2. Self adhesive sealing tape
3. Panel support profile

VERIFY SUBSTRUCTURE PLACEMENT

Check that the supporting structure is installed at all required support locations such as:

- foundation beam,
- parapet edge,
- openings and
- other.

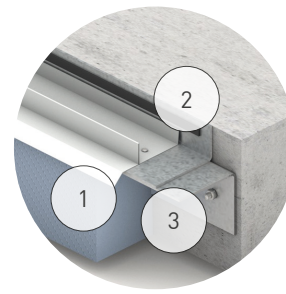
CHECK STRUCTURAL FLATNESS

Check and correct deviations in substructure before continuing panel installation.

Follow IFBS guideline PA 09 for detailed requirements. Example requirement: $\pm 2L/1000$ for single-span systems.

1 VAPOUR-TIGHTNESS

- Seal gaps in the substructure with ALU-PET self-adhesive tape.



4 DRIP FLASHING

- Install the drip flashing
- Apply PE self-adhesive sealing tape below each panel.

INSTALL THE REMAINING PANELS

14 FASTENING

- Remove protective foil at each screw location before installing the screw.
- Fasten the panel according to the static calculation.

13 CUT-OUTS

- Follow the project documentation for the location, dimensions and detailing of panel cut-outs.
- Make panel cut-outs using suitable cutting tools.
- Make cut-outs before installation or after panel fastening.
- Handle panels with cut-outs carefully.

Remove protective foil from all installed panels by the end of each working day.

15 ELIMINATE THERMAL BRIDGING

- Cut or remove the inner steel sheet at the panel corner.
- Fill the gap between panels with mineral wool.
- Ensure continuous thermal insulation.

12 GROOVE-TONGUE COMPRESSION

- Compress the factory-applied sealing tubes to approximately 80% of their original thickness.
- Use installation tools to close the joint, if required.
- Remove the protective foil at each fastening location before installing the screws.

11 LIFT AND POSITION THE PANEL

- Lift the panel with approved panel grippers or vacuum lifter.
- Read the lifting tool instructions before use.
- Position the panel according to the marked axes.
- Fasten the panel according to the static calculation.

CHECK-LIST

- 1
 - ☐ Substructure flatness and support positions are checked.
 - ☐ Theoretical axes are marked.
 - ☐ Support profiles and sealing tape are installed.
- 2
 - ☐ Drip edge is formed on each panel
 - ☐ First panel is positioned, aligned and fastened according to the project documentation and static calculation.
 - ☐ Panel joints are sealed and exposed mineral wool is protected.
- 3
 - ☐ Panel joints are sealed and compressed before fastening.
 - ☐ Panel alignment is checked against the marked axes, and deviations are corrected before continuing.
 - ☐ Panels are fastened according to the static calculation.
- 4
 - ☐ Panel gaps are filled with mineral wool and sealed.
 - ☐ Flashings, corners and parapet caps are installed according to the project details.

INSTALL THE FIRST ROW OF PANELS

9 FASTENING

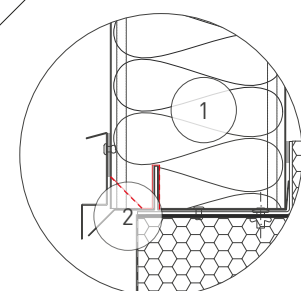
- Remove protective foil at each screw location before installing the screw.
- Fasten the panel according to the static calculation.

10 SEALING

Apply mastic sealant to the inner side of the panel for airtightness.

6 FORM THE DRIP EDGE

- Cut out the mineral wool core at the lower corner of the panel.
- Form a drip edge from the outer steel sheet.
- Repeat this for each panel.



1. XLINE panel
2. Mineral wool removed

8 POSITION & ALIGNMENT

- Position the panel according to the marked axes.
- Check alignment before fastening.

7 PANEL IDENTIFICATION

- Check the panel production number.
- Install the panel according to the project documentation.

3. Drip flashing
4. Self adhesive sealing tape

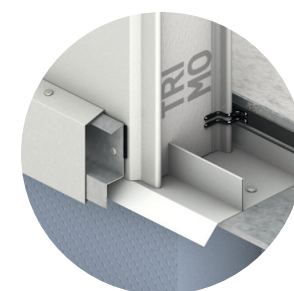
Avoid handling panels in heavy wind.

Follow the installation direction and sequence to prevent colour mismatch.

FINISH THE WALL WITH FLASHINGS

17 FINISH THE PARAPET

- Install the vapour-permeable EPDM foil.
- Fasten the parapet cap supports.
- Form and install the parapet cap according to the project detail.



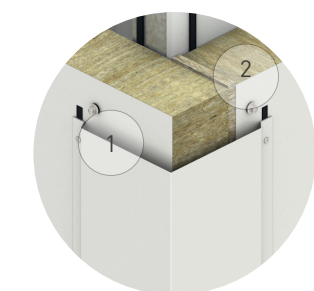
Maintain the panel gap according to the project detail.

16 DRIP FLASHING MASK

- Fasten the drip flashing mask to the support with blind rivets.
- Follow the project detail.

Finish façade termination according to the project detail.

Check that termination details are watertight and fully insulated with mineral wool.



1. Fastening screw
2. Thermal insulation

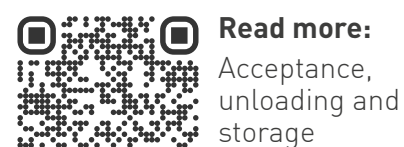
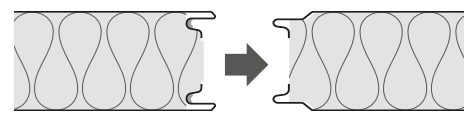
17 CORNER FLASHING

- Apply EPDM self-adhesive sealing tape under the flashing.
- Finish the corner with flashing.
- Remove protective foil from flashings.



XLINE FAÇADE INSTALLATION GUIDE

VERTICAL



TOOLS

CUTTING AND FORMING STEEL SHEETS

Metal shear
Circular saw
Jigsaw
Knife for insulation
Tin snips (left, right)
Seaming tool

DRILLING, FASTENING, AND SEALING PANELS

Cordless drill driver
Rivet gun
Drill bits
Nut driver bit
Caulking gun

SEAMING TOOL

Application tool for sandwich panels or seaming tool PS130

WARNING !

PROTECT PANELS FROM WATER AND MOISTURE

The installer is responsible for keeping panels dry until installation is complete. Trapped moisture can lead to internal corrosion. Protect the exposed mineral wool core from all liquids and moisture at all times, including when installation is not in progress or during wet weather.

XLINE DOCUMENTS



Read more:
Details - Internal Wall System



Read more:
Use and maintenance of Trimo products



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