

linup

INSTALLATION MANUAL

FOR CLADDING WALLS OR CEILINGS

0 GENERAL INFORMATION

0.1 Clips

There are 3 types of clips:

- **Clips end piece**, these are used at the beginning and end of a slat wall.
- **Clips large**, these clips have a joint width of 16 mm.
- **Clips medium**, these clips have a joint width of 11 mm.



**CLIPS
END PIECE**



**CLIPS
LARGE**



**CLIPS
MEDIUM**

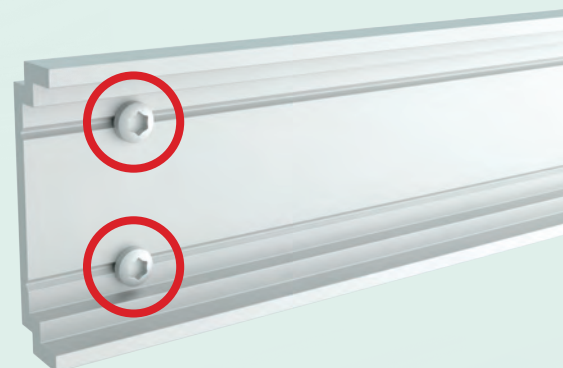
0.2 Wooden finishing beam

The wooden finishing beams are slid over the clips and are therefore equipped with a groove on both sides.



0.3 Aluminium profile

The aluminium profile is equipped with two grooves. Screws should be inserted at these positions.



0.4 Screws

Fixeren van de aluminium profielen:

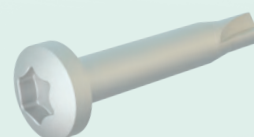
Self-drilling screws torx - 3.5mm x 22mm

Fixing the Linup clips:

Stainless steel A2 screws - 3.5 mm x 16 mm

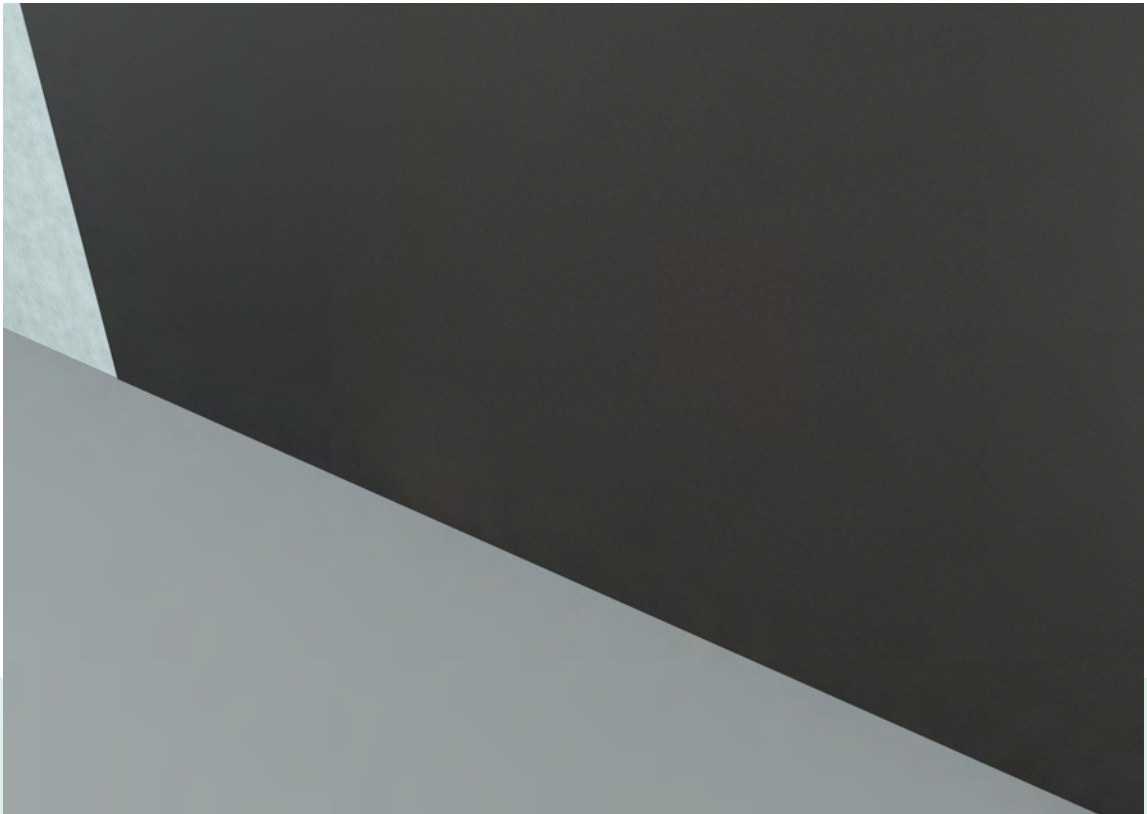
Fixing the Linup end clips:

Stainless steel A2 screws - 3.5 mm x 25 mm



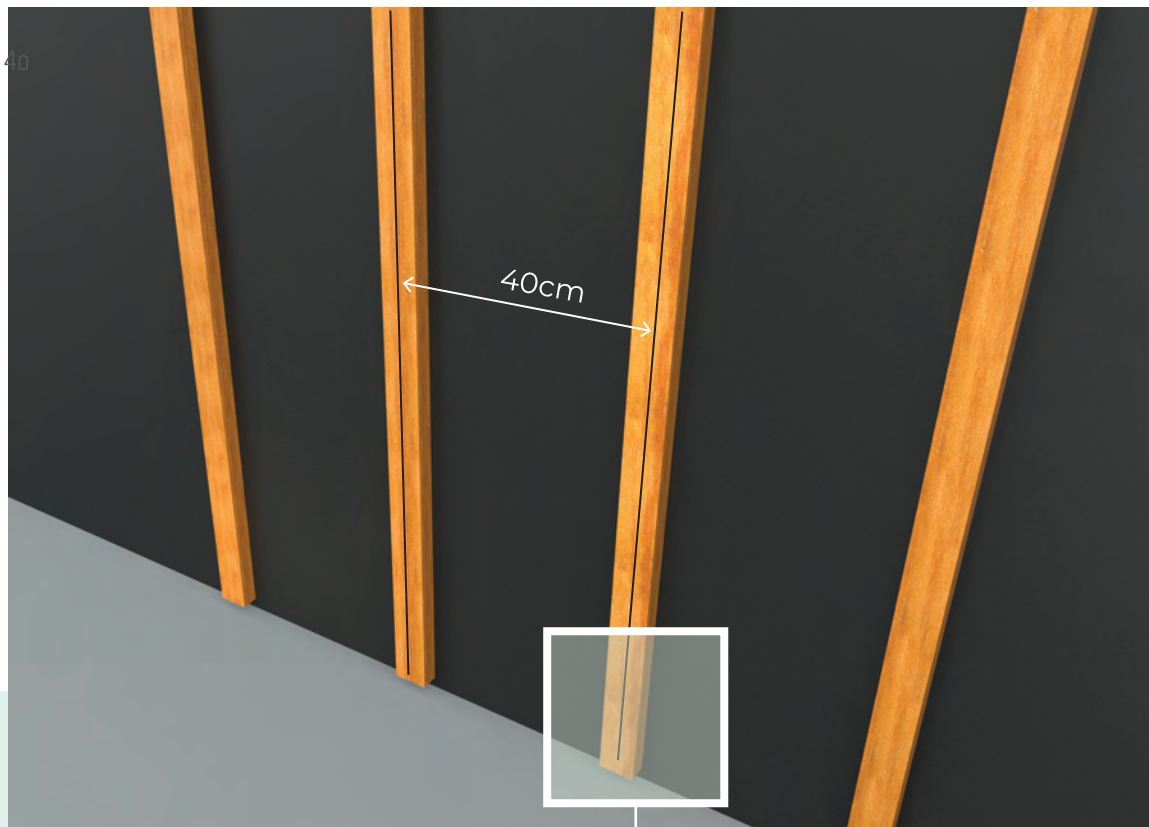
1 **INSTALL A FACADE MEMBRANE**

Attach a waterproof facade membrane along the entire length of the wall to be clad. Depending on the type of wall behind, choose an appropriate fastening method.



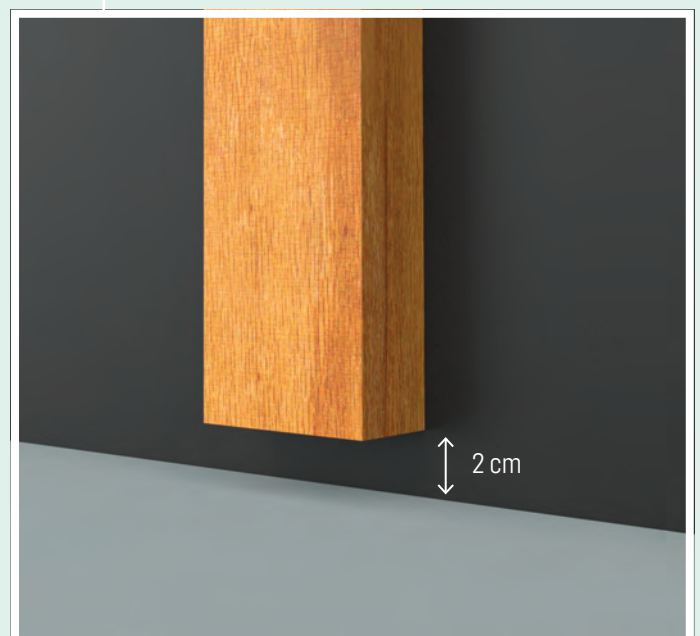
2 INSTALL VERTICAL CLS BATTENS

Install wooden CLS battens along the entire length of the wall to be clad, spaced 40 cm from center to center.



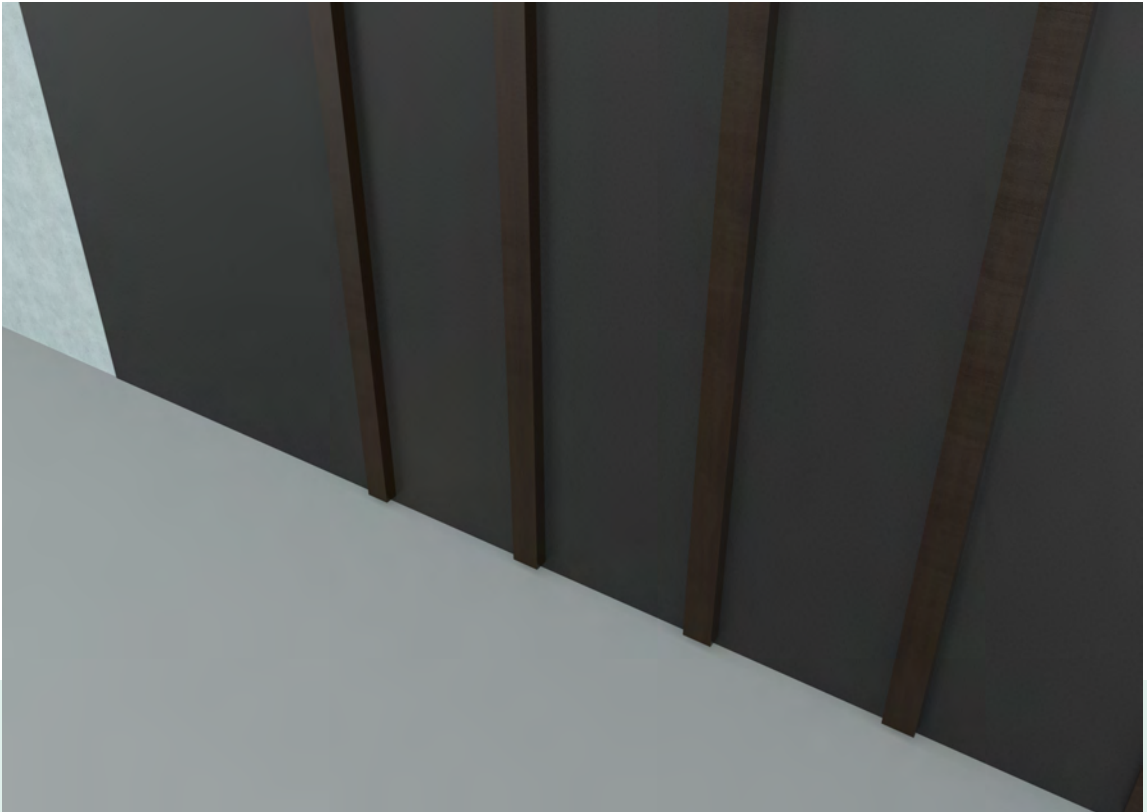
Ensure a clearance of at least 2 cm at the top and bottom.

This depends on the planned drainage system.



3 TREAT THE VERTICAL CLS BATTENS

Paint the vertical wooden CLS battens black to ensure they are not visible through the structure of the finishing beams.



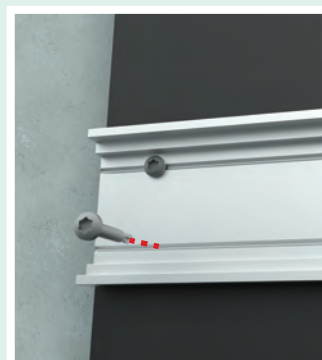
4 INSTALL THE HORIZONTAL ALUMINIUM PROFILES

4.1

OPTION A / THE UNDERLYING WALL IS APPROXIMATELY LEVEL

Place the bottom profile 20 cm above the ground.

Position the profile on the first wooden batten covered with the facade membrane. Fix the profile by inserting two screws into the designated grooves (use the specified screws, see p. 01).



OPTION B / THE UNDERLYING WALL IS COMPLETELY UNEVEN

First, install a horizontal wooden batten 20 cm above the ground. Use leveling screws to align it horizontally relative to the wall.



Then proceed with installing the aluminium profile. Refer to Step 4.1, **Option A**.

4.2

Insert a screw into the aluminium profile at the location of each CLS batten. Alternate between the upper and lower grooves in a staggered pattern. Finish with two screws.



Did you choose in step 4.1 for **option A** :

Use shims if necessary to adjust the profile when the wall is not completely straight.

4.3

When the bottom profile is fully secured, install a second profile at a distance of 45 cm. (If you chose **Option B** in **Step 4.1**, first mount a batten again and level it with leveling screws.)

Once again, screw the screws in a staggered pattern into the profile and ensure 2 screws are placed at the ends.



45 cm

4.4

Repeat the previous steps until the entire wall, from bottom to top, is fully covered with aluminium profiles.

Ensure the profiles are evenly distributed across the height of the wall, and maintain approximately equal spacing between them.



5 INSTALL THE END CLIPS

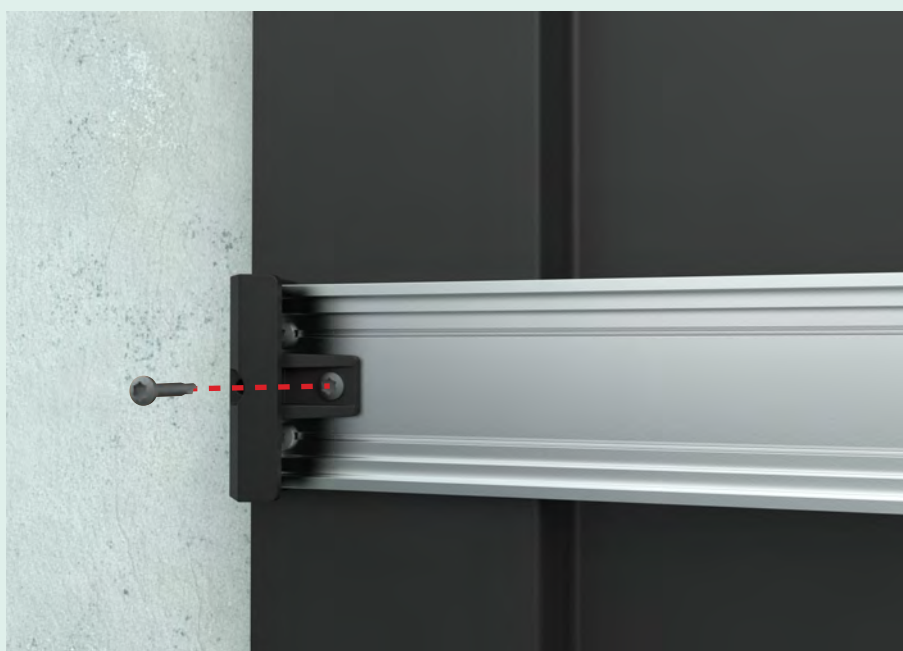
Click an end clip onto each aluminium profile. Slide the end clip all the way to the end of the profile and secure it with the designated screw (see p. 01) in the "wing" of the clip.



On p. 01, you will find a clear illustration of the end clips.



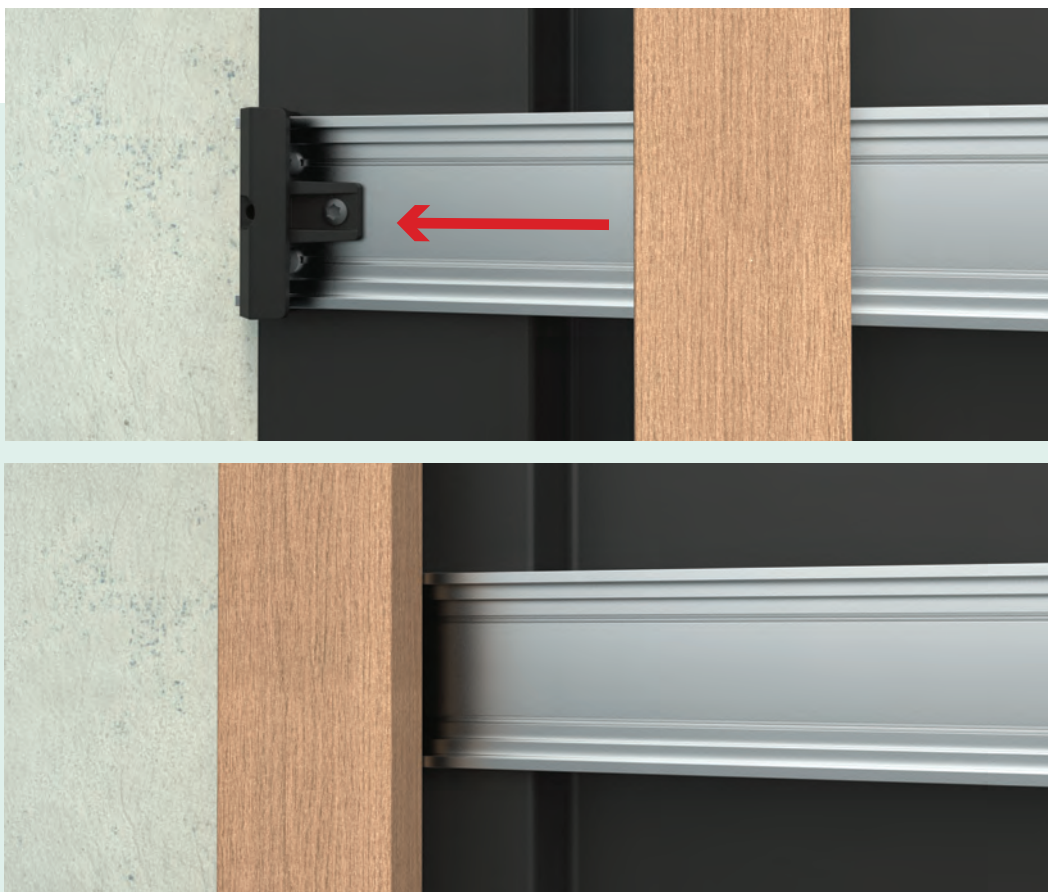
Click and slide.



Secure with a screw.

6 INSTALL THE FIRST WOODEN FINISHING BEAM

Slide the wooden beam over the end clips, ensuring the groove in the beam fits perfectly over the end clips. Make sure the wooden beams do not touch the ground; leave a clearance of 2 cm.



TIP: To align the wooden finishing beams at the bottom, you can place a 2 cm high batten on the ground as support. Once the beams are secured, you can remove the support batten.

TOP VIEW



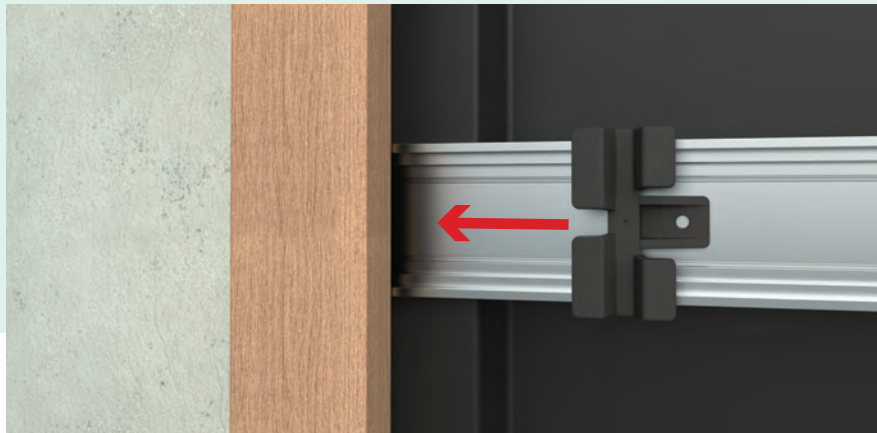
7 PLACE THE INTERMEDIATE CLIPS AND SECURE THE WOODEN FINISHING BEAM

7.1

Choose an intermediate clip based on the desired spacing. An overview of the different clips can be found on p. 01.

7.2

Click a clip onto each aluminium profile and position it against the already installed wooden beam. Ensure that the "wing" of the clip does not disappear behind the already installed beam.



7.3

Secure the beam with a Torx screw on at least two clips (preferably at the top and bottom aluminium profiles) to prevent the wooden beam from sliding down.



8 REPEAT THE PROCESS

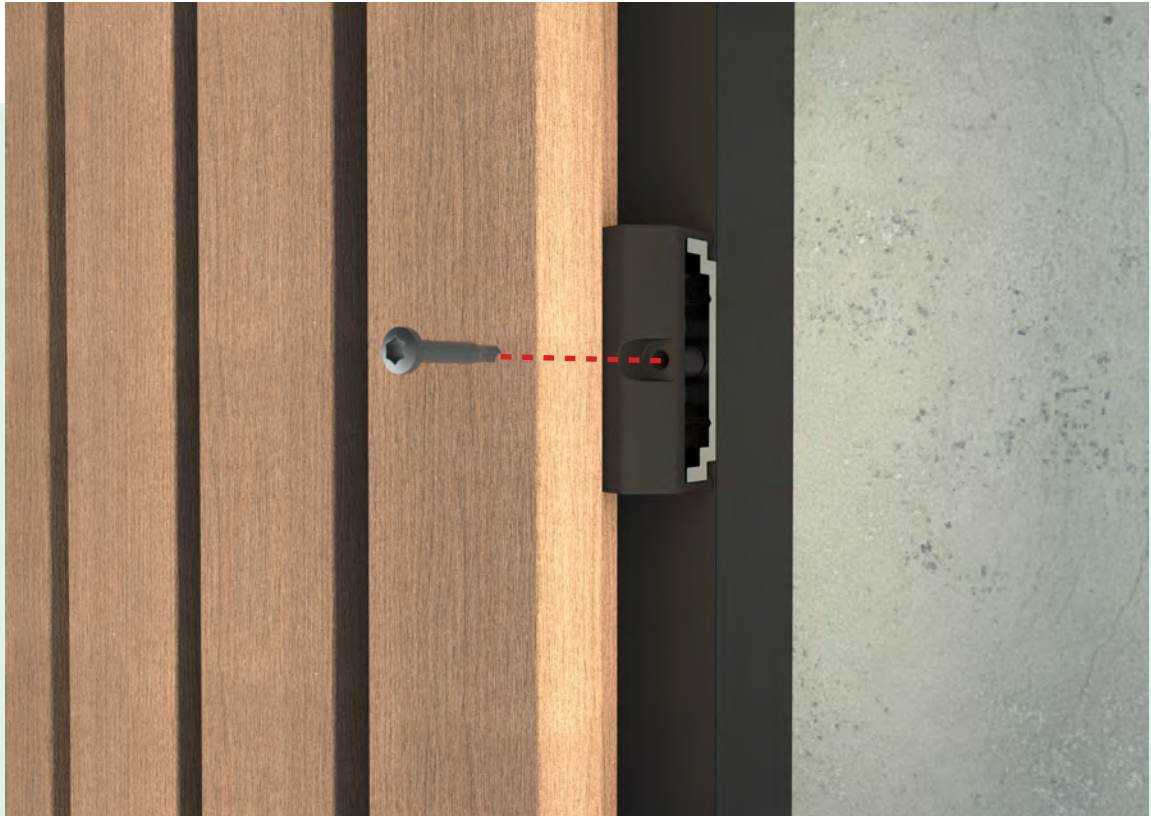
Repeat the installation of the clips and finishing beams.
Secure a row of clips to the aluminium profile every four beams.



Complete the installation until the entire wall is covered.

9 FINISH WITH END CLIPS

The last clips to be installed are end clips again.



Since the "wing" of the last clips is behind the wooden beam, you can use the other opening for screwing.



TECHNICAL USAGE LIMITATIONS:

1. **Manufacturer Responsibility:** SOLIDOR is solely the manufacturer of the LINUP cladding system, which consists of (1) clips, (2) aluminum profiles, and (3) supplied screws. SOLIDOR's liability does not extend to the façade cladding or other materials chosen by the user.
2. **User Responsibility:** The user is responsible for purchasing and using the façade cladding, as well as for managing risks associated with the inherent properties of the chosen material (e.g., cracking, expansion, weather resistance, weight, etc.).
3. **Groove Machining:** The user must machine grooves in accordance with the installation manual. Any deviation may result in malfunctioning of the LINUP system and potential damage.
4. **Material Compatibility:** The LINUP system is not suitable for other types of façade cladding besides wood or equivalent composites/plastics (e.g., not suitable for stone or metal).
5. **Aesthetic Use Only:** The LINUP system is designed exclusively for aesthetic façade installations. Functional loads on the system (e.g., extensions, fixings, applied loads, etc.) are strictly prohibited.
6. **Maximum Load:** The maximum allowable load on the LINUP system is 30 kg/m².
7. **Board Width:** The maximum width of the façade boards used is 10 cm.
8. **Dimensional Stability:** Only wood or composites with a low dimensional variation rate (expansion or contraction) may be used.
9. **Height Limitation:** The façade system is suitable for heights of up to 8 meters from the ground.
10. **Wind Loads:** The system is designed for normal wind loads. If increased wind loads are suspected (e.g., open spaces, building corners, tall structures), the user must commission a wind load analysis by a certified specialist. SOLIDOR can provide additional advice upon request but disclaims any liability for the system's suitability under such conditions.
11. **Corner Fixation:** SOLIDOR recommends mechanically fixing additional façade boards at external corners of buildings or walls directly to the supporting structure.
12. **Stable Substrate Requirement:** The LINUP system must be installed only on a stable and immobile substrate.
13. **Application Scope:** The LINUP system is exclusively designed for façades or ceilings. It is not intended for terrace floors. For this application, SOLIDOR offers specific products.

Always refer to our website, www.solidor.be, for the most recent installation manual and warranty declaration. Only strict adherence to the manual ensures the applicability of the warranty provisions.