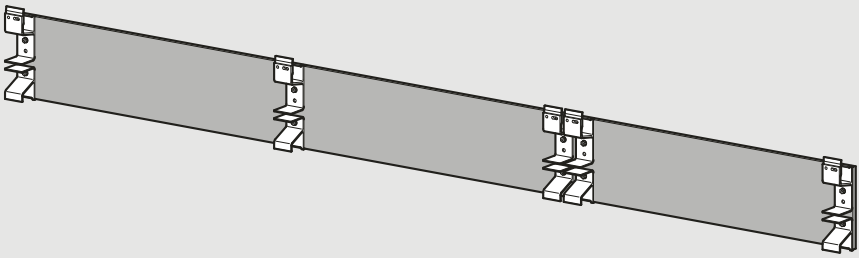
For planks with a height of 150–300 mm

Installation and user instructions

# PlankClip System

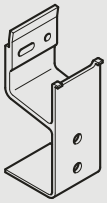


# Content


| | |
|---|---|
| Installation kit | 4 |
| Additional items | 5 |
| Installing the RCLIPS to the panel | 6 |
| Preparation of subframe and installation of STARTER-KIT | 9 |
| Installing the panels | 10 |

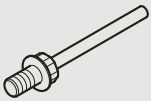
# Installation kit
# PLANKCLIP-KIT-150-300

**Used for planks with a height of 150–300 mm**

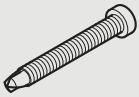


RCLIP: 50 pcs

RCLIP-SHORT: 50 pcs

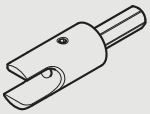


TU-S: 100 pcs

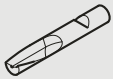


SDAW: 50 pcs

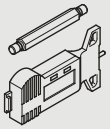
# Additional items
# Required for installation



**Depth Locator Universal**
for VHM drill bit



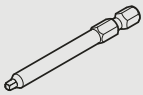
**VHM-6.0×41.5**
Drill bit for suitable drilling depth, used in combination with Depth Locator Universal



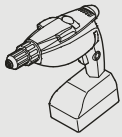
**MEASURING-SET-DRILLS-5.9-6.0**
To control the depth of the blind hole as well as the tolerance of the diameter

**Riveting tool**
e.g., PowerBird Pro or AccuBird® Pro from GESIPA®

**PLANKCLIP-STARTER-KIT**
STARTER-CLIP and SDAW to create the first layer of panels (50 pcs per box)

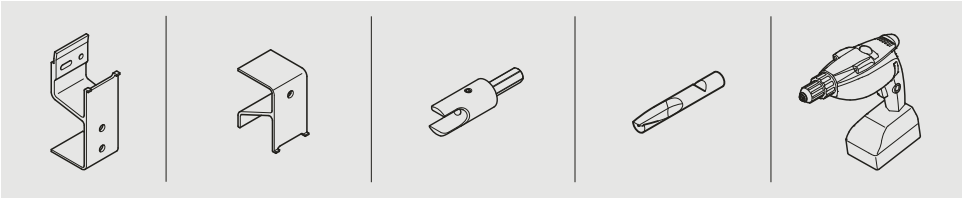


**SQ1-68-HEX-1/4"**
To install the SDAW fastener



**Cordless drill**

# Installing the RCLIPS to the panel



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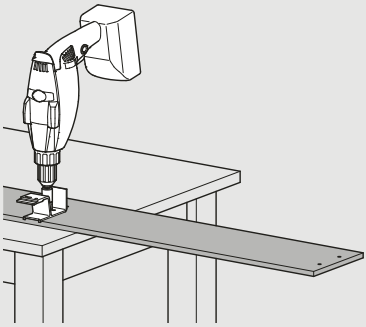
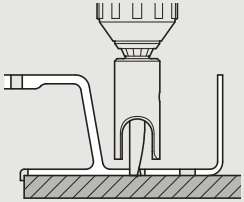
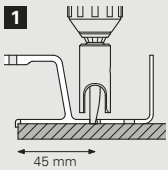
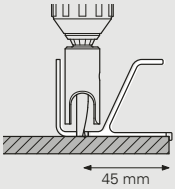




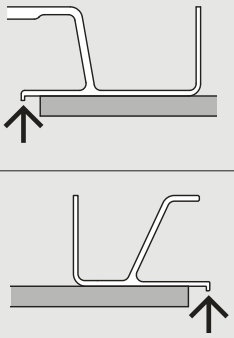
Use the RCLIP to mark the correct drill position.

**NOTICE**

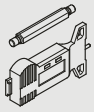
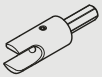


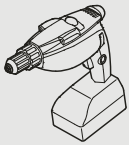




1 Use the hole that is closer to the edge of the panel.

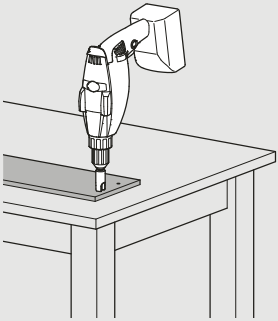


Make sure that the nose of the RCLIP is placed close to the edge of the panel.

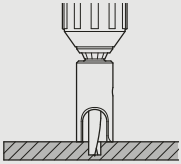





❷

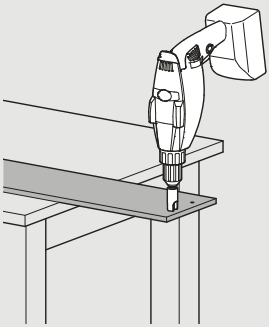


***NOTICE***

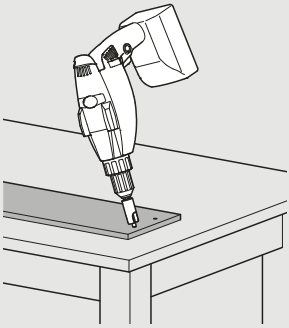


Pre-drill a Ø 6 mm blind hole according the needed drill pattern. Check the dimension of the first hole and then at least every one hundred holes.

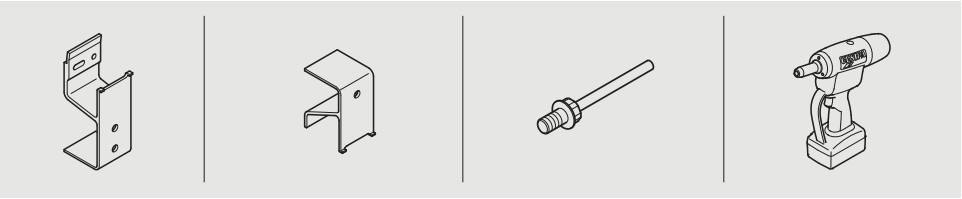
Diameter: Ø 5.9–6.0 mm
Drill depth: 6.5–7.0 mm
Can be measured with the measuring drill set.

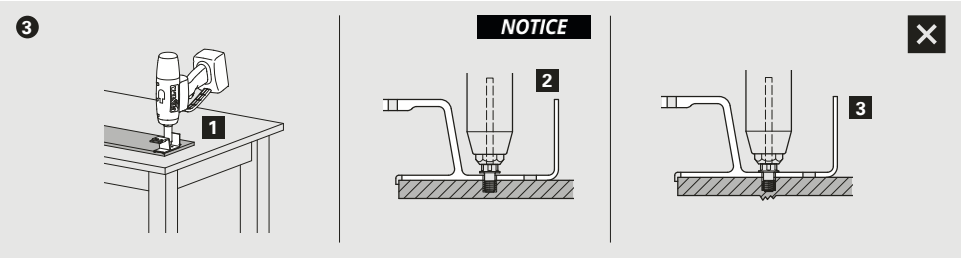


Panel must lie on a hard surface and be fully supported.

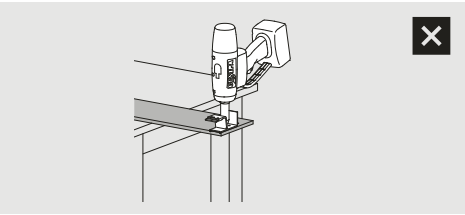


Drill must be held perpendicular to the panel face.

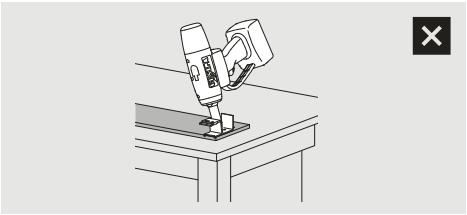




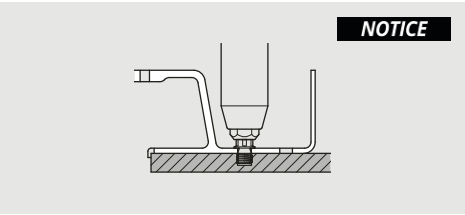

**1** Position the RCLIP over the hole and insert the anchor.
**2** Before setting, there can be a small gap between TU-S head and the RCLIP.
**3** Do not apply force to the anchor before setting, as this may cause damage to the panel face.



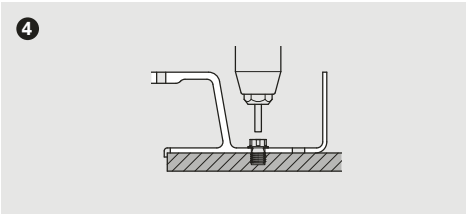
Panel must lie on a hard surface and be fully supported.



Rivet gun must be held perpendicular to the panel face.

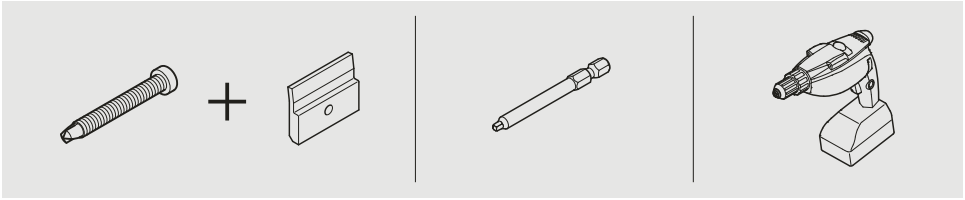



Remove the mandrel while providing moderate force towards the panel. Use either the 17/36 or 17/40 GESIPA® nosepiece.



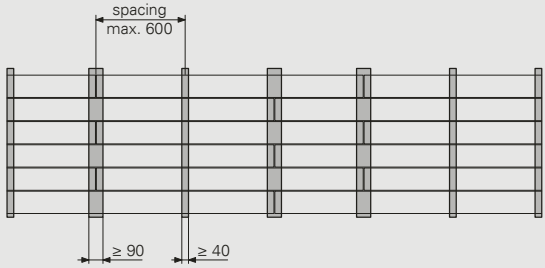

Repeat the process until all RCLIPs are installed.

# Preparation of subframe and installation of STARTER-KIT



❶

**NOTICE**

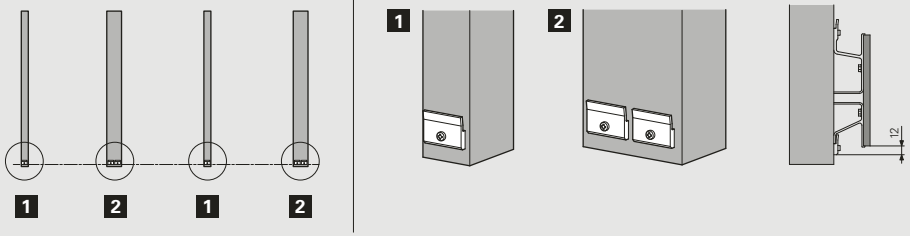



Install the vertical or horizontal subframe. The spacing is determined by project-specific static calculations but must not exceed 600 mm. The spacing is to be measured from profile center to profile center.

Intermediate profiles that have to accomodate 1 RCLIP must have a width of ≥ 40 mm. Jointing profiles that have to accomodate 2 RCLIPS must have a width of ≥ 90 mm.

❷

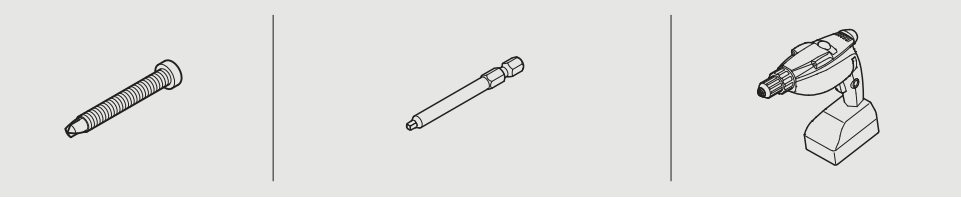
**NOTICE**

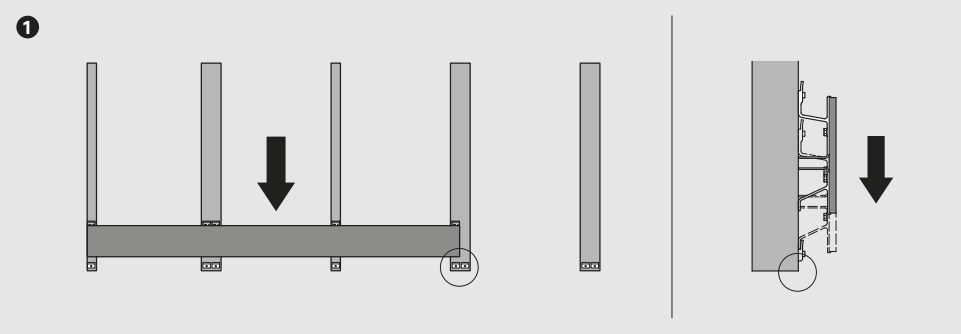



Position the STARTER-CLIPS to build the first layer of planks. A STARTER-CLIP must be fixed for each RCLIP-SHORT.

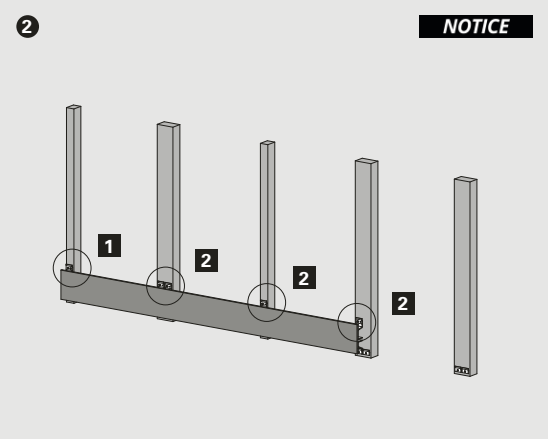
The distance between the bottom of the STARTER-CLIP and the first panel is 12 mm. Make sure to account for this when aligning the STARTER-CLIP.

# Installing the panels






To install the first layer of panels, start at the bottom of the façade. Position the panel with the attached RCLIPS onto the subframe and slide the RCLIPS into the STARTER-CLIPS.



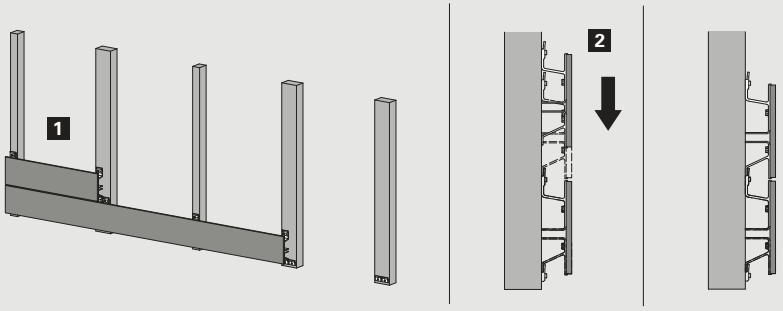

Finish the installation of a panel by installing each RCLIP to the subframe using the fastener.

Create the fixed point first since this will hold the panel in place.

Create one fixed point per panel by installing the RCLIP via the round hole.

All the other RCLIPS must be attached via the center of the long hole.

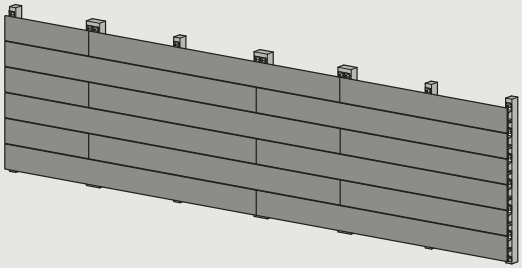
❸




**1** Start the installation of the panels in the second row by inserting these into the CLIPS that are present.
**2** To keep the panel joint of 6 mm the use of a spacer is recommended.

Fix the panel according step ❷.

❹



Repeat step ❸ by installing row after row until you've finished your façade.

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