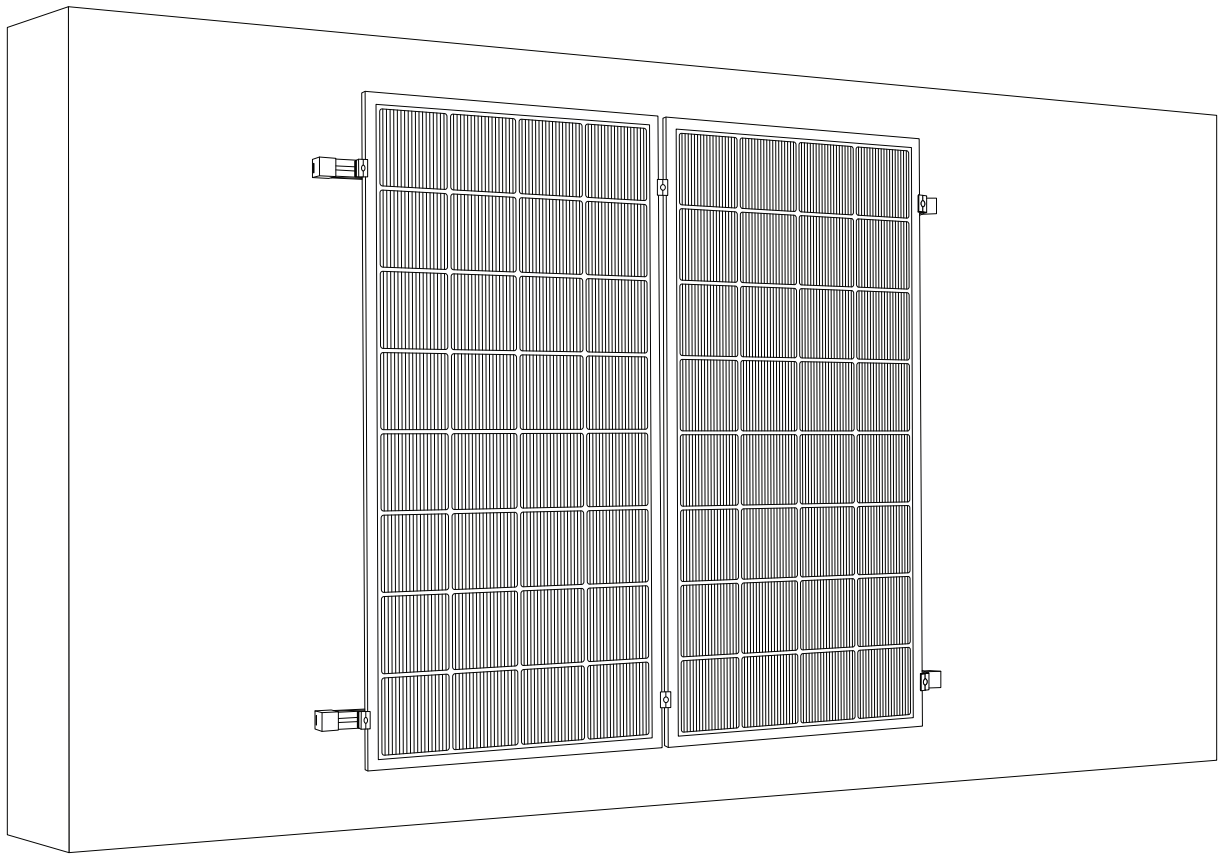


SOLRMOUNT

Create Innovate Optimise



PVC Hook for Wall Mount

Installation Guide

Warranty and Standards

Product Warranty

25 years limited product warranty

25 years design life warranty

5 year limited Finish warranty

Solrmount guarantees that the Product will be free from defects in material and workmanship for a period of 25 years, except for the anodised finish, which shall be free from visible peeling, cracking, or chalking under normal atmospheric conditions for a period of 5 years from the earlier of the date the installation of the Product is completed or 30 days after the purchase of the Product by the original Purchaser ("Finish Warranty"). The Finish Warranty does not apply to any foreign residue deposited on the finish. All installations in corrosive atmospheric conditions are excluded. The Finish Warranty is VOID if the practices specified by AAMA 609 & 610-02 – "Cleaning and Maintenance for Architecturally Finished Aluminium" (www.aamanet.org) are not followed by the Purchaser. This Warranty does not cover damage to the Product that occurs during its shipment, storage, or installation.

This Warranty shall be VOID if the installation of the Product is not performed in accordance with Solrmount's written installation instructions, or if the Product has been modified, repaired, or reworked in a manner not previously authorised by Solrmount IN WRITING, or if the Product is installed in an environment for which it was not designed. Solrmount shall not be liable for consequential, contingent, or incidental damages arising out of the use of the Product by the Purchaser under any circumstances.

If, within the specified Warranty periods, the Product is reasonably proven to be defective, then Solrmount shall repair or replace the defective Product, or any part thereof, in Solrmount's sole discretion. Such repair or replacement shall completely satisfy and discharge all of Solrmount's liability with respect to this limited Warranty. Under no circumstances shall Solrmount be liable for special, indirect, or consequential damages arising out of or related to the use by the Purchaser of the Product.

Manufacturers of related items, such as PV modules and flashings, may provide written warranties of their own. Solrmount's limited Warranty covers only its Product and not any related items.

Certificate Of Standards

Applied systems: Pitched roof, Flat roof, Ground Mounts

This accreditation has been granted in accordance with the Eurocodes, NEN 7250, GB50797 I AS, AS/NZS 1170.2:2021, JISC8955, and ASCE 7-10 standards.

It verifies that all solar mounting systems manufactured by SOLRMOUNT LIMITED have been devised, computed, and manufactured in alignment with these codes, or their derivatives. SOLRMOUNT LIMITED complies with the relevant CE regulations concerning product safety under 2001 /95/EG, as well as the pertinent sections of the newly proposed BRL9931 for solar system components

Types of systems employed: Pitched roof, Flat roof, Ground Mounts

Standards utilised: EN 1990, EN 1991-1-3, EN 1991-1-4, EN 1993-1-1, EN 1993-1-3, EN 1997, EN 1998-1, EN 1999-1-1, NEN 7250, 2001 /95/EG, BRL9931, GB50797 /AS, AS/NZS 1170.2:2021, JISC8955, ASCE7-10

Fundamental principles of structural design:

Snow loads' impact on structures Wind actions' impact on structures Steel structures' design regulations for buildings Design regulations for cold formed members of steel structures Geotechnical design Seismic actions' impact on structures Design of aluminum structures Integration of solar systems into roofs and facades Product safety Solar system components Relevant country-specific annexes of EN 1990, EN 1991-1-3, and EN 1991-1-4 have been adhered to.



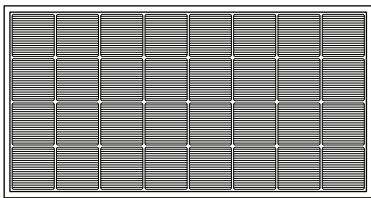


Safety Warnings

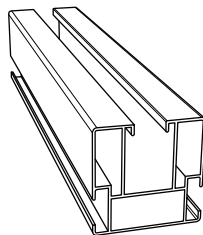
The Solrmount mounting system must be installed by qualified technical personnel, with at least two professionals as a standard requirement.

- Adding or omitting components can negatively affect the system's operation and is strongly discouraged.
- Never walk on the system or the solar panels.
- Wear shoes with reinforced toecaps and strong, anti-slip soles.
- Always wear appropriate protective clothing during installation.
- Use lifting assistance or hoisting equipment for moving materials like solar panels.
- Place the ladder on a strong, stable base.
- Position the ladder at an angle of approximately 75 degrees and ensure it extends about 1 meter above the roof edge.
- Secure the top of the ladder with a rope or tensioning strap if possible.

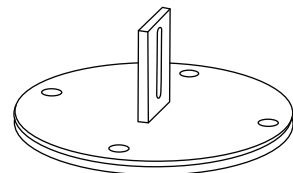
Parts List



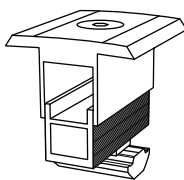
Solar Panel



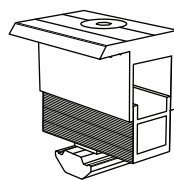
Rail



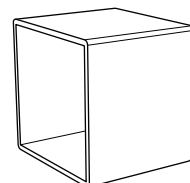
PVC Hook



Mid Clamp



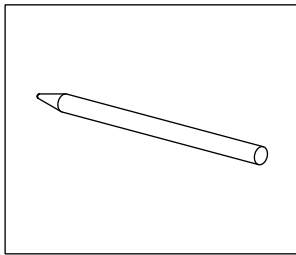
End Clamp



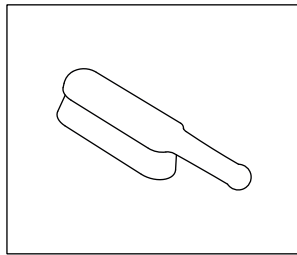
End Cap

Tools and Accessories

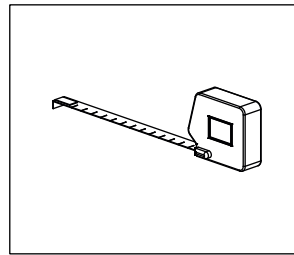
Here is a list of the tools/aids required:



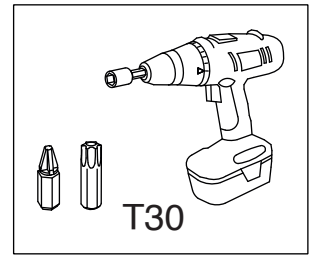
Marker / chalk



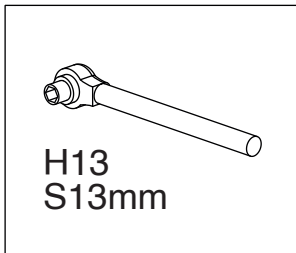
Brush



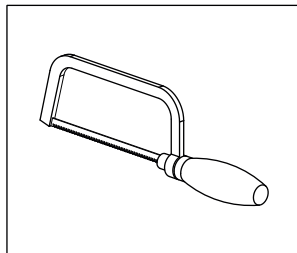
Tape measure



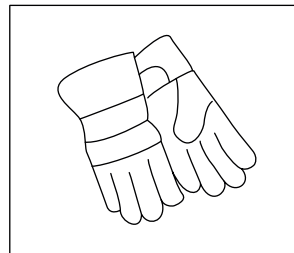
Battery-powered
screwing drill



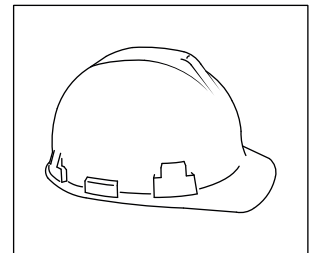
Hexagon socket
ratchet



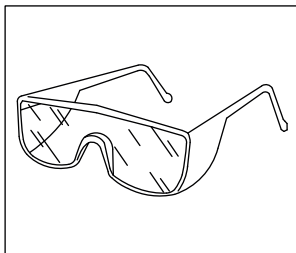
Metal saw



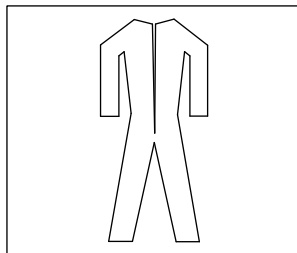
Safety gloves



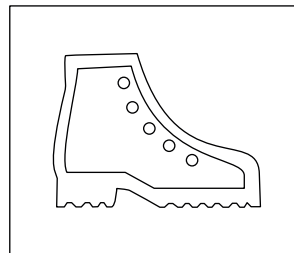
Safety helmet



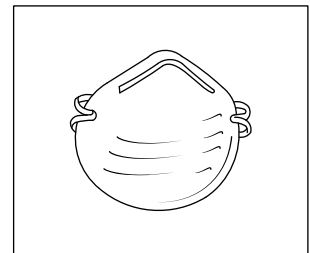
Safety glasses



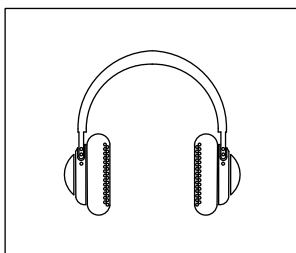
Safety clothes



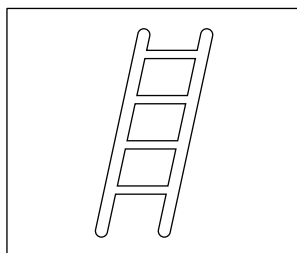
Safety shoes



Dust mask



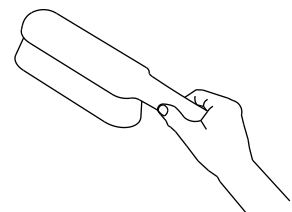
Hearing
protection



Scaffold or stable,
safe ladder

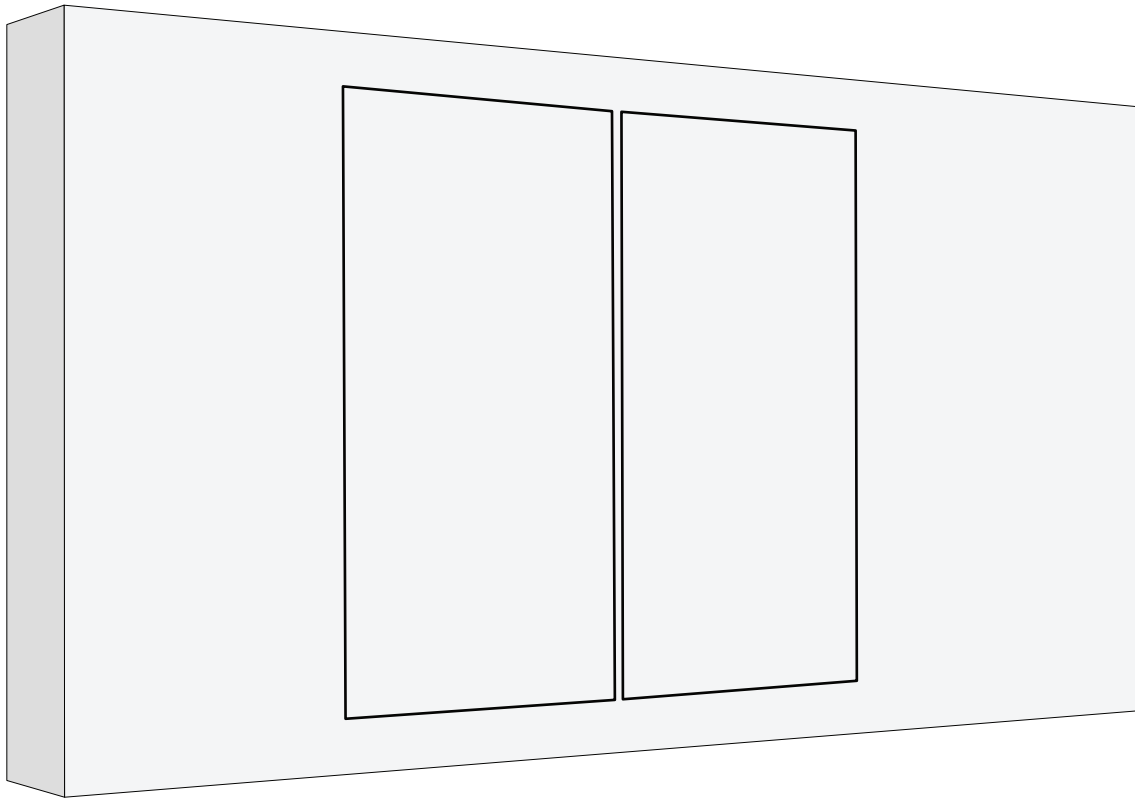
Clean the Wall:

Clean the tiles on the wall with a brush. Remove algae, moss, etc. in order to reduce unevenness during the installation to a minimum!



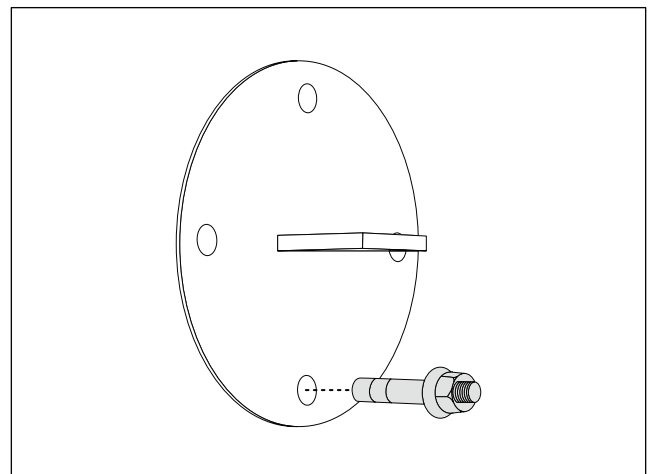
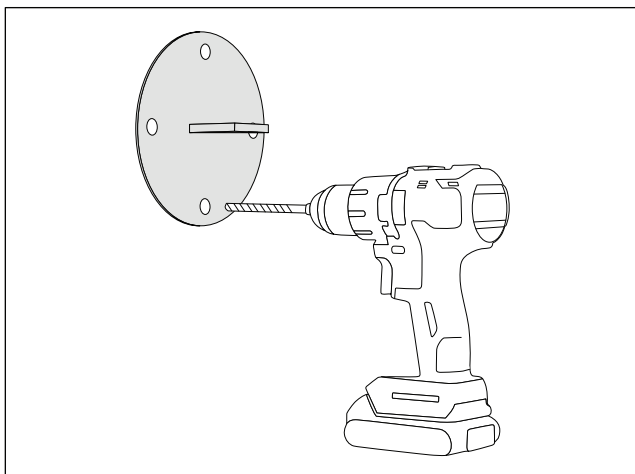
INSTRUCTIONS

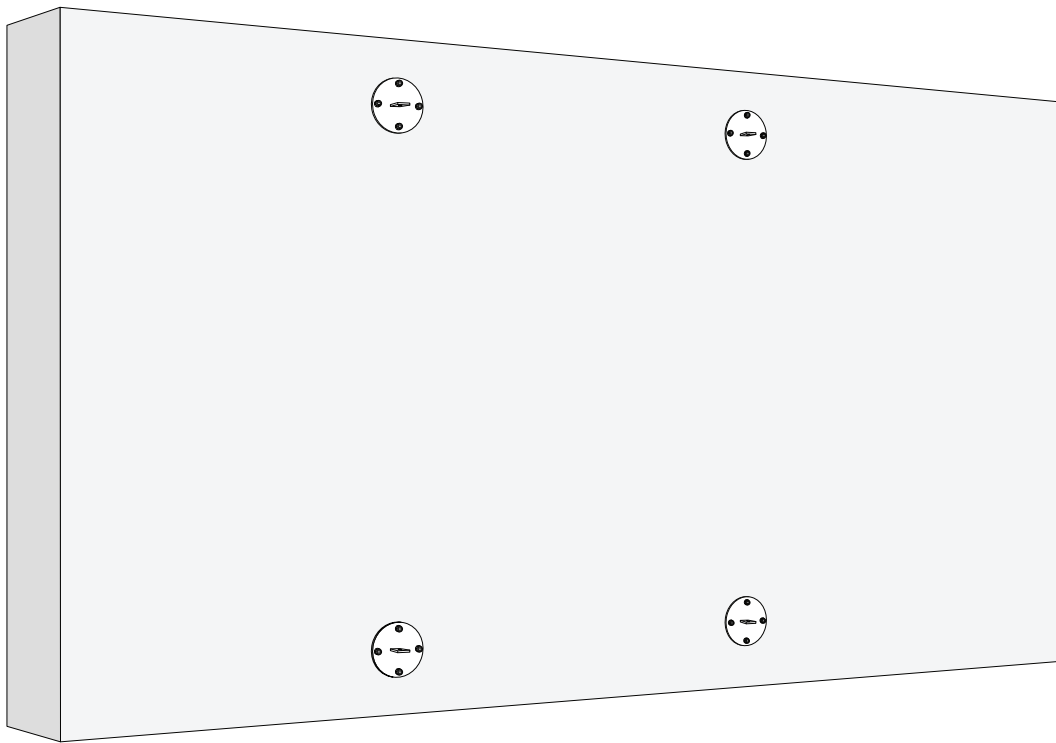
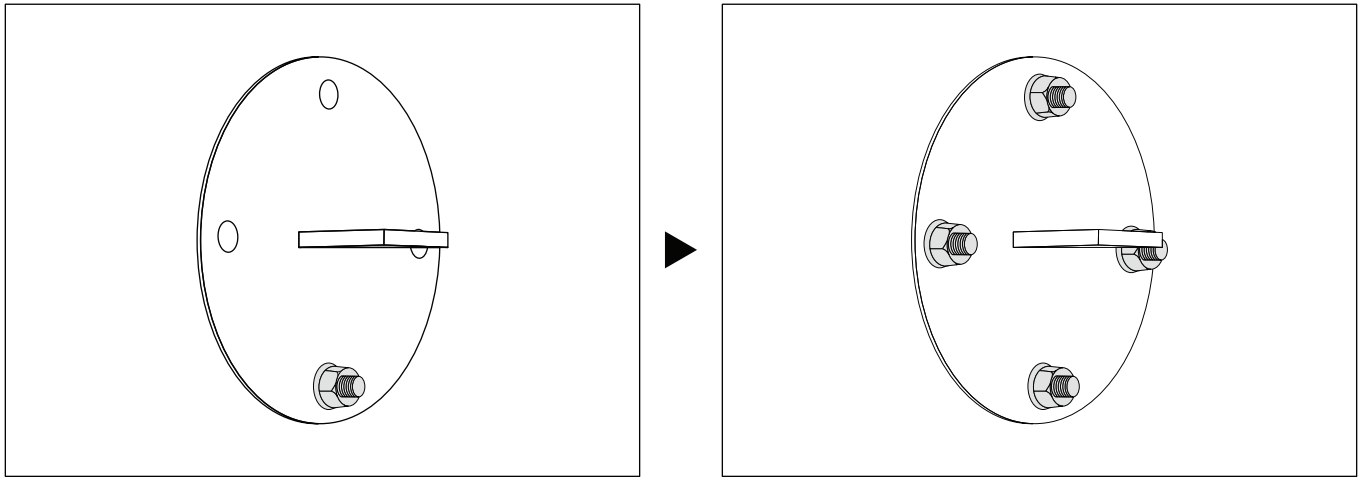
Step 1 Measure and mark out the panel layout.



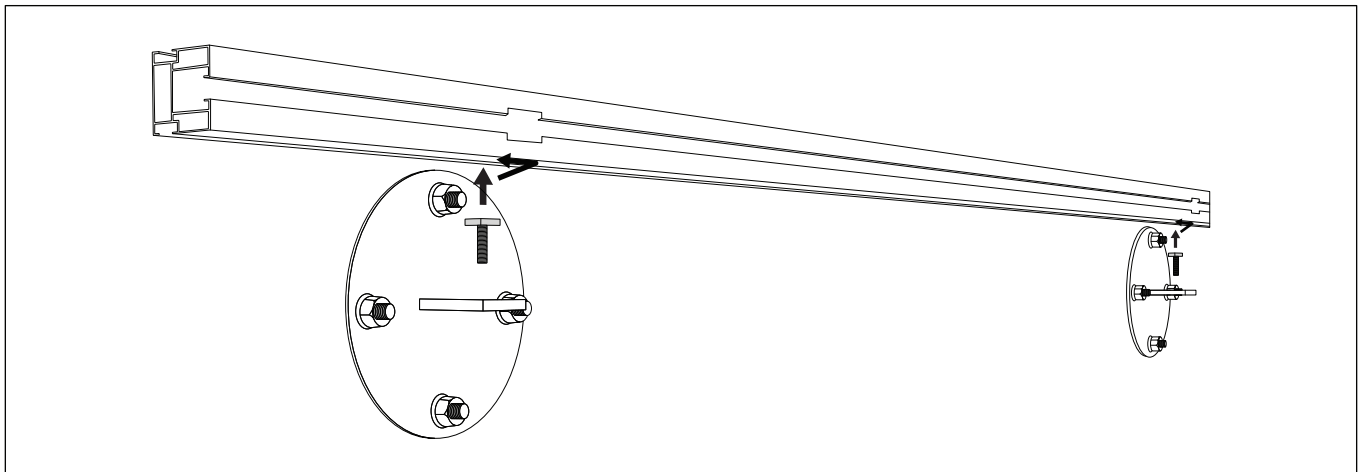
The PV modules must be securely mounted on the wall and must not overhang beyond the designated installation area. Each PV module requires a minimum of two mounting brackets and at least four clamping points. Middle clamps count as two clamping points for each of the adjacent PV modules, meaning a middle clamp used between two PV modules satisfies two clamping points for both modules. Pre-drilled (pilot drilled) holes must be used for screws to prevent damage to the mounting surface.

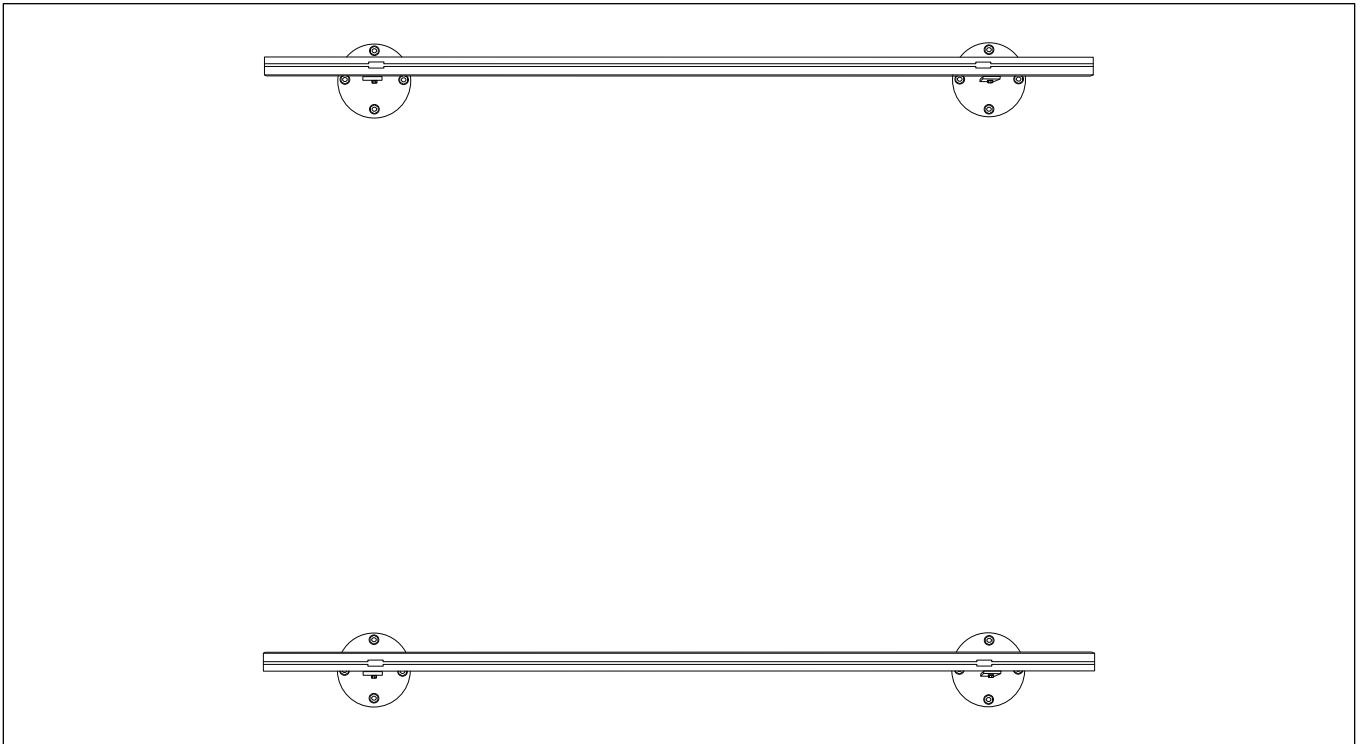
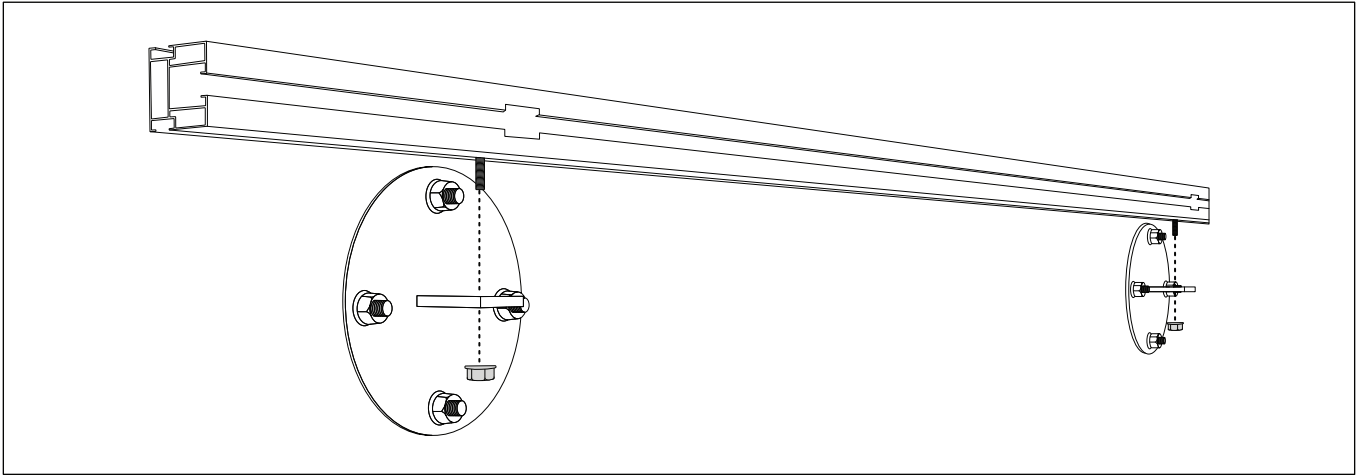
Step 2 Attach the PVC Hook to the wall using suitable bolts.



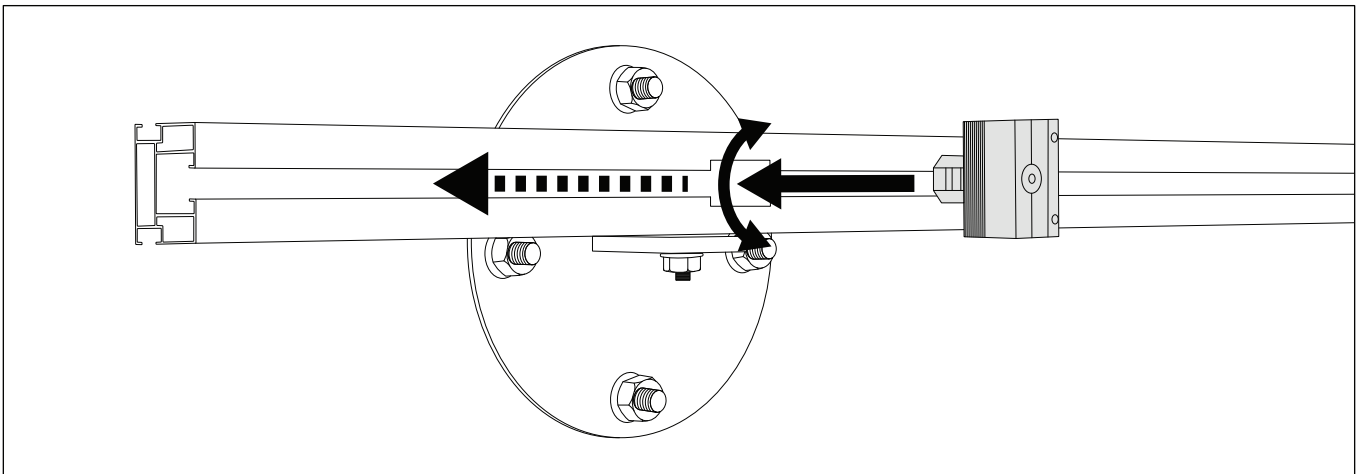


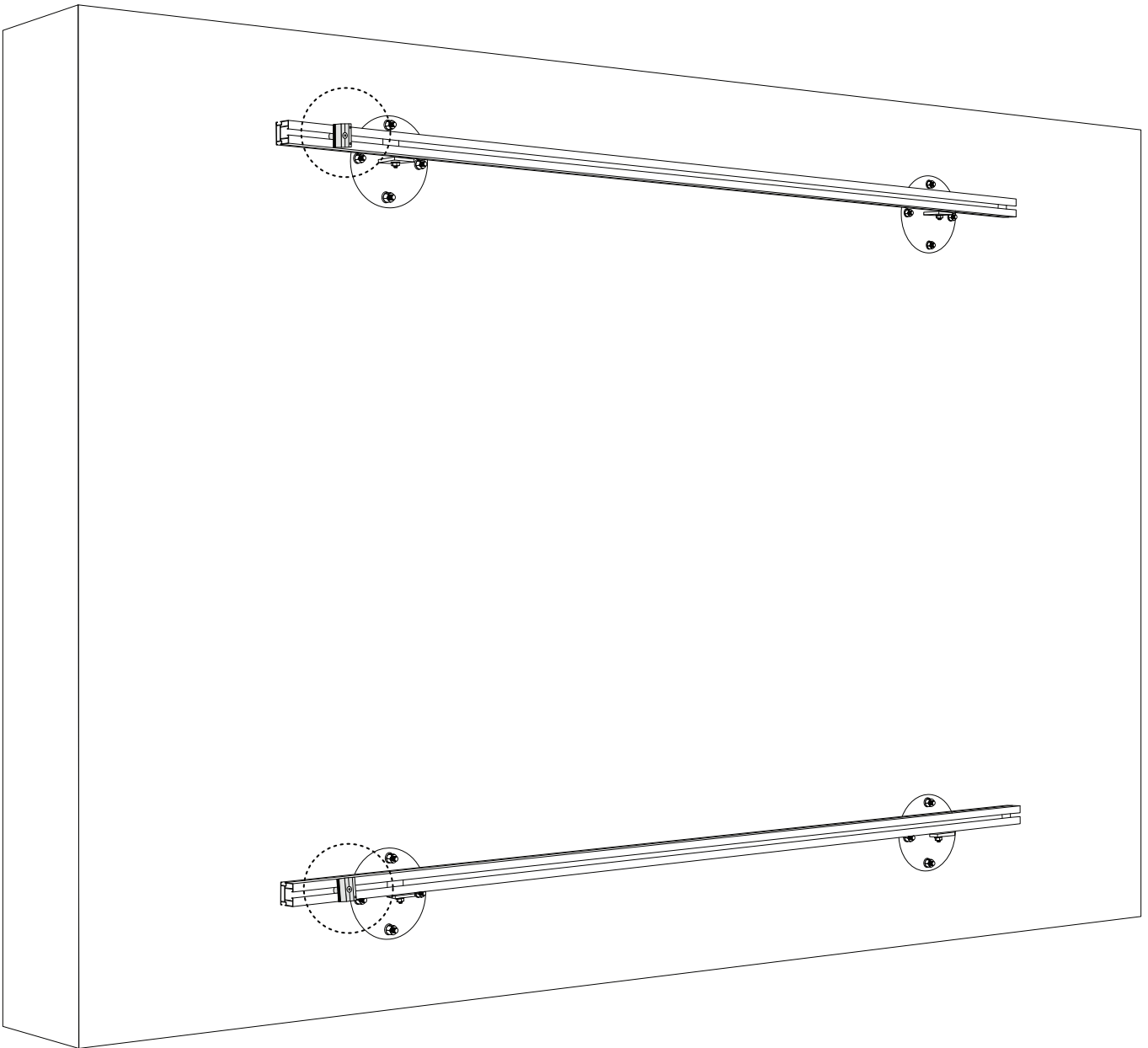
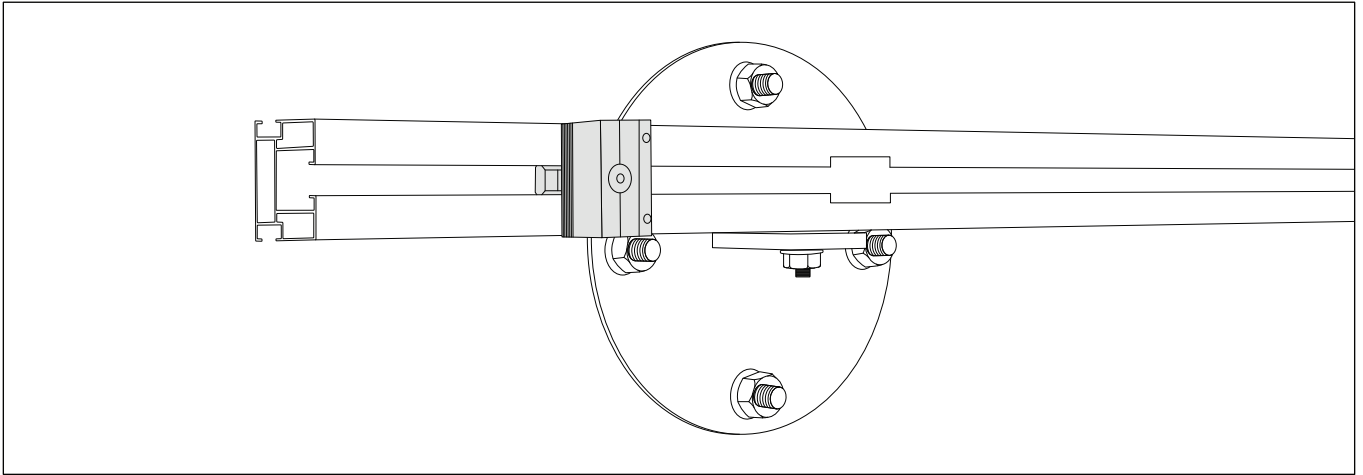
Step 3 Attach the rail to the Hook by inserting the T-bolt into the rail and tighten it.



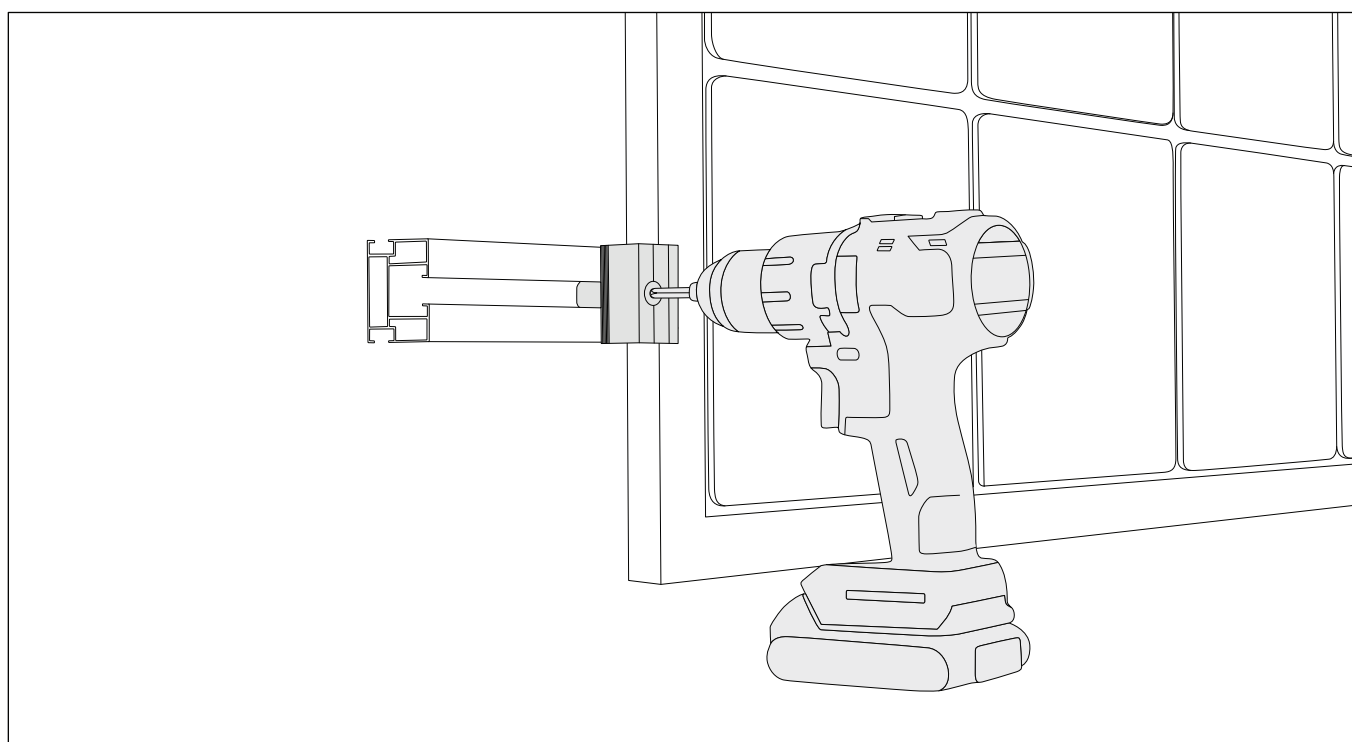
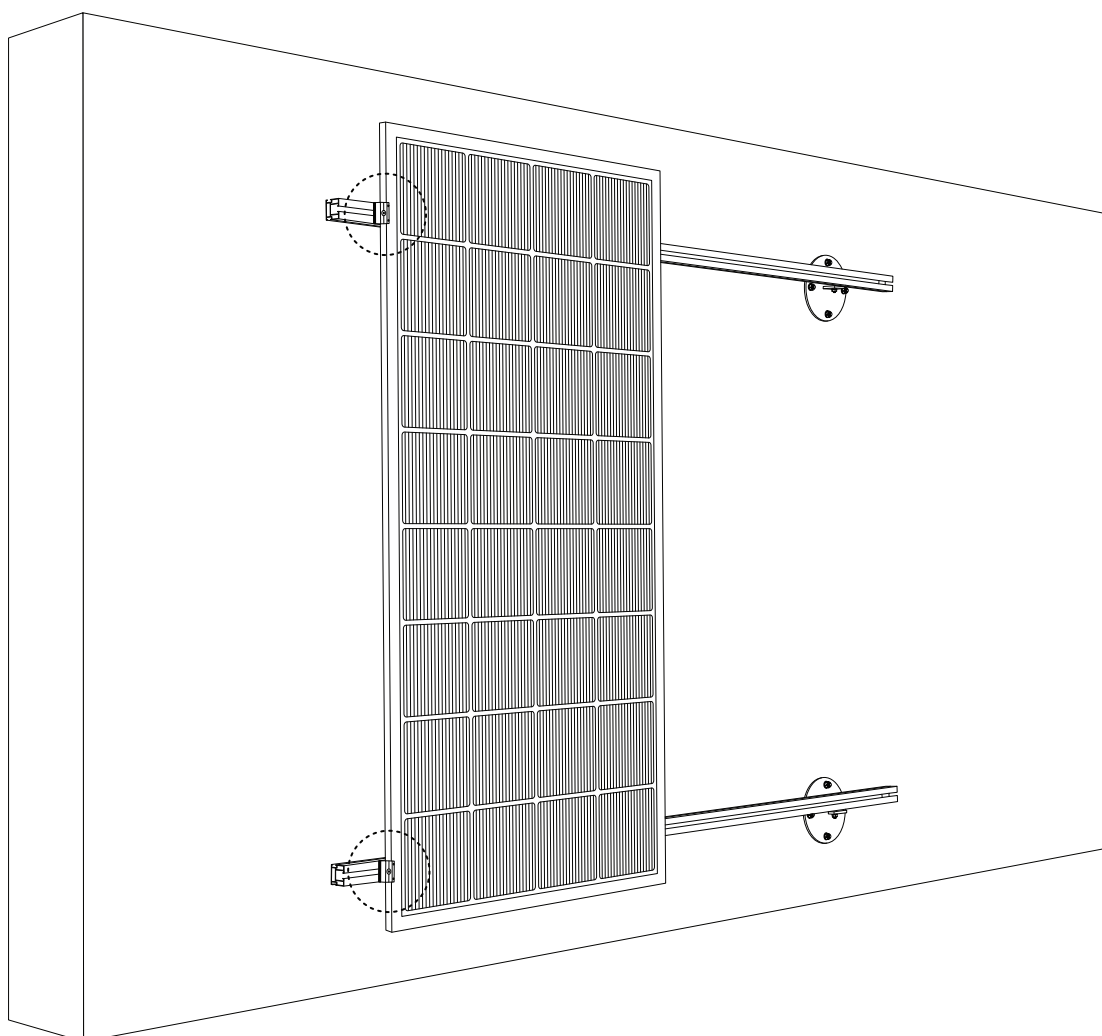


Step 4 Insert the end clamp into the rail, tilt the clamp 45 degrees, push and slide.



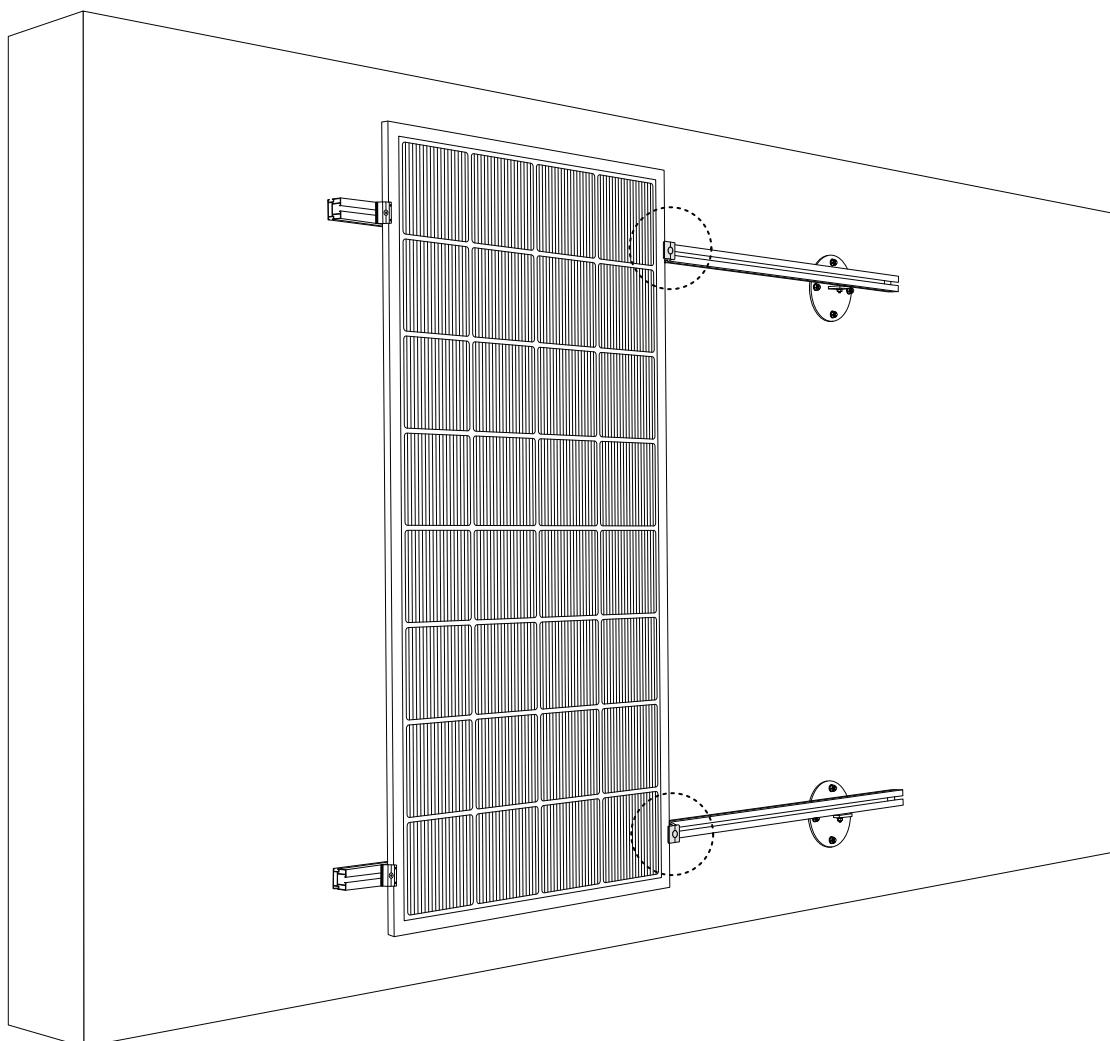
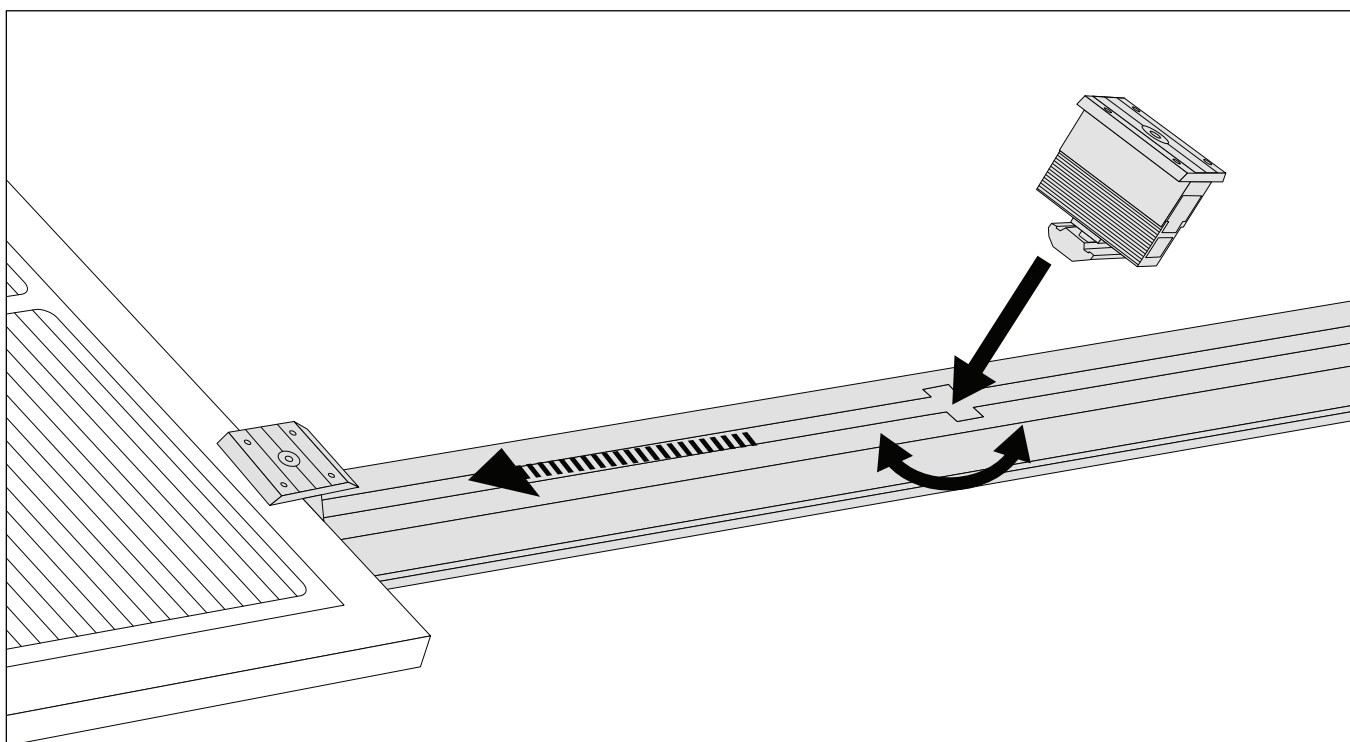


Step 5 Lay your first panel and tighten the end clamps to secure the panel.

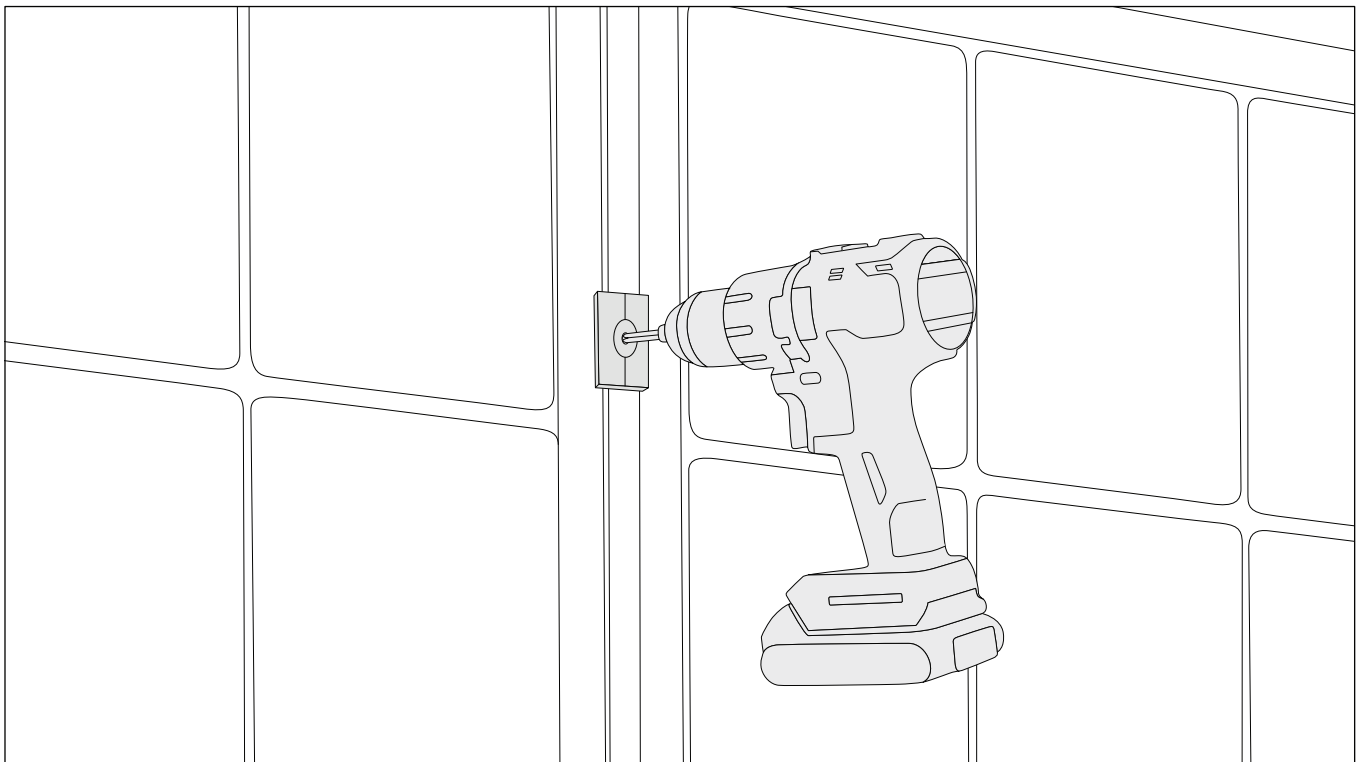
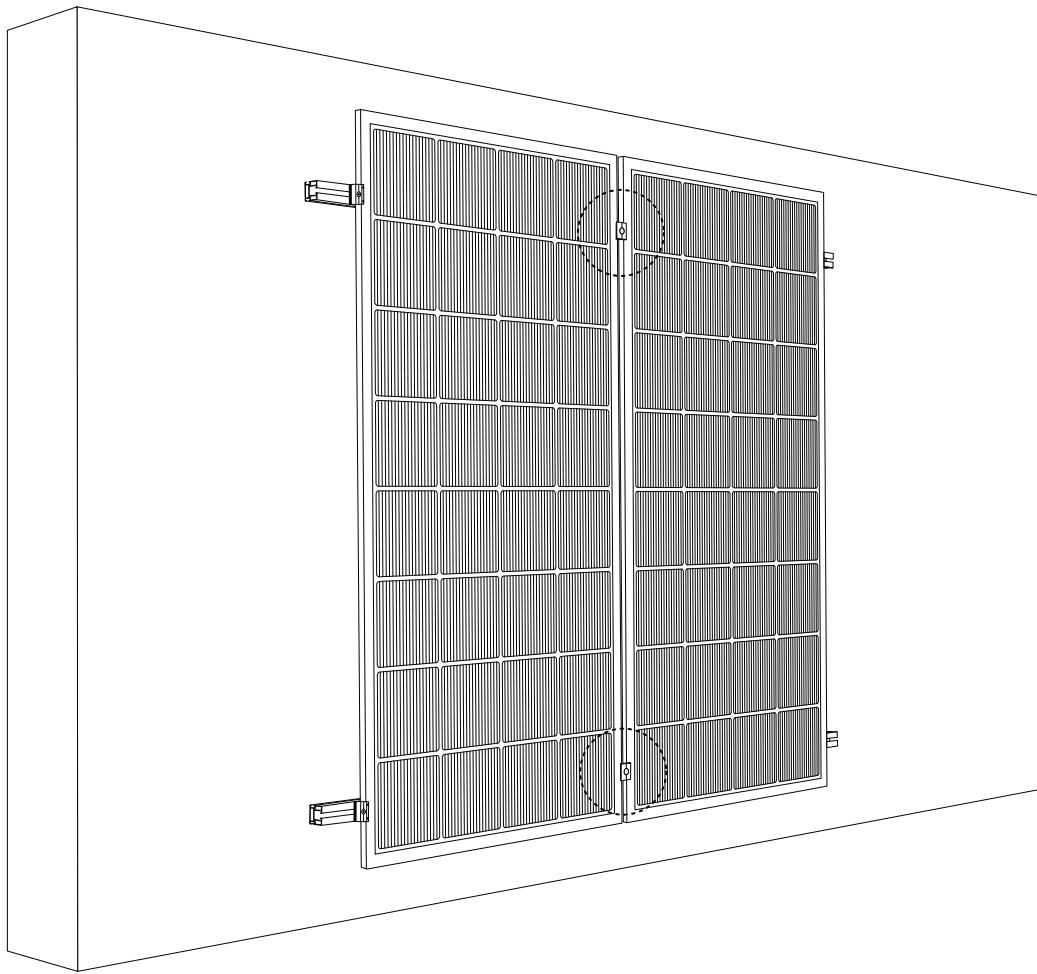


Step 6

Insert the mid clamp into the rail, tilt the clamp 45 degrees, push and slide.



Step 7 Lay your next panel and tighten the mid clamp.



Step 8 Attach the end cap to all rail ends to finish the installation.

