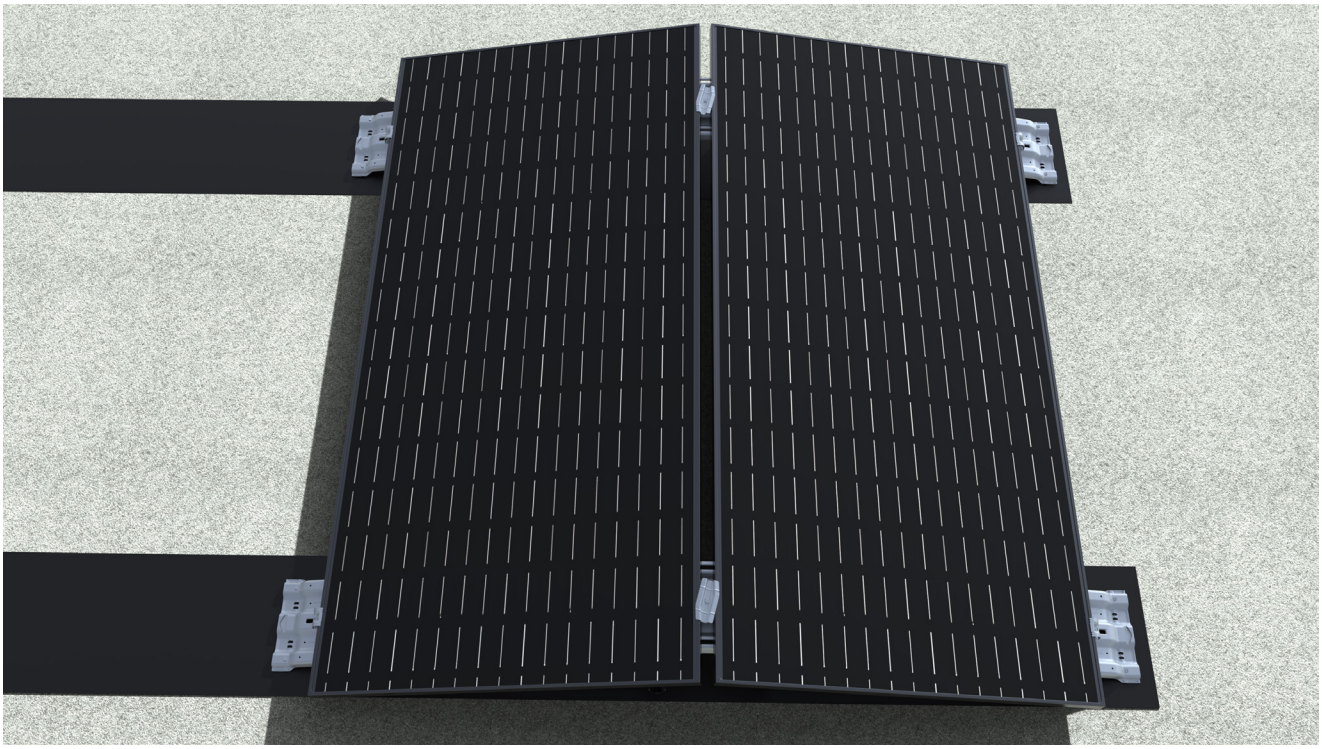
Nordmount
Made in Sweden

Version 1.3
2025-12-09



Installation instructions
NM Flow | East-West

NM Flow, can be anchored with ballast, welding, a combination of both, or directly into concrete using concrete screws. The base of the system is patent pending (No: 2430491-7).

Table of Contents

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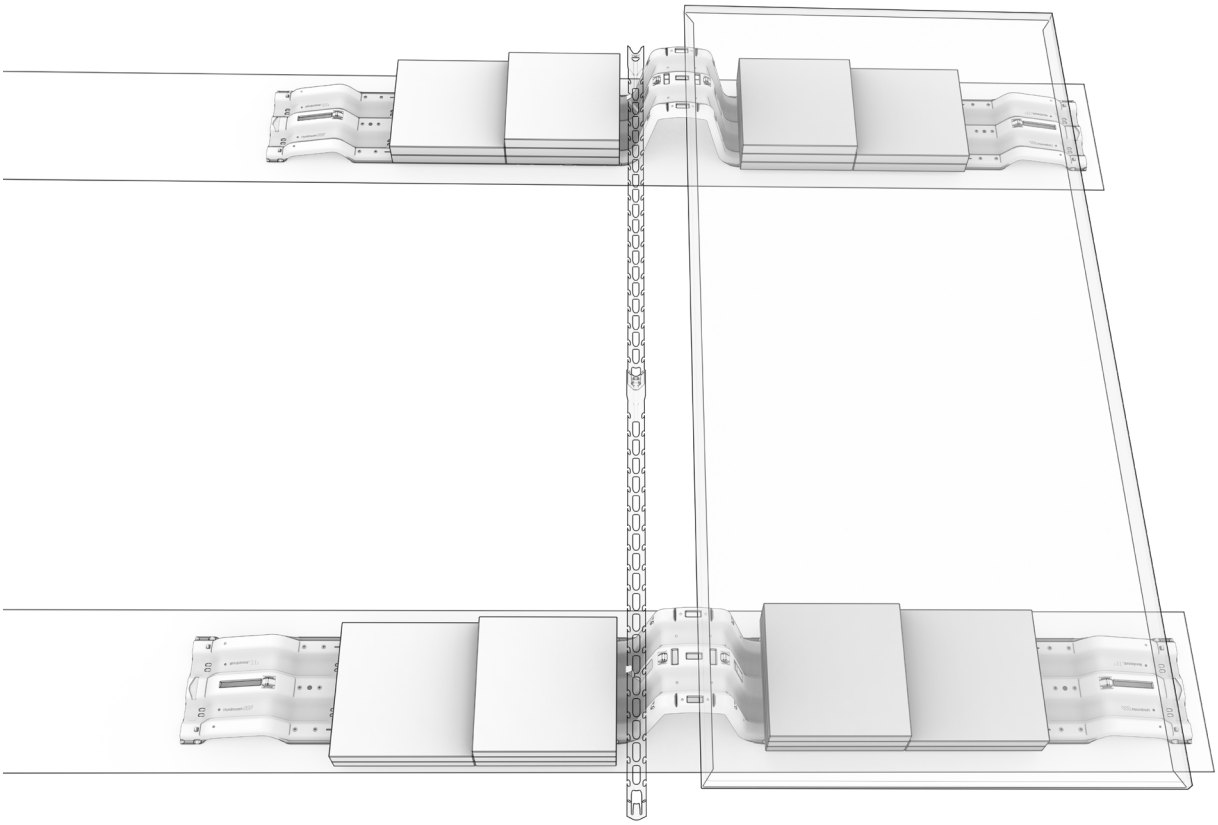


Installation | Ballast

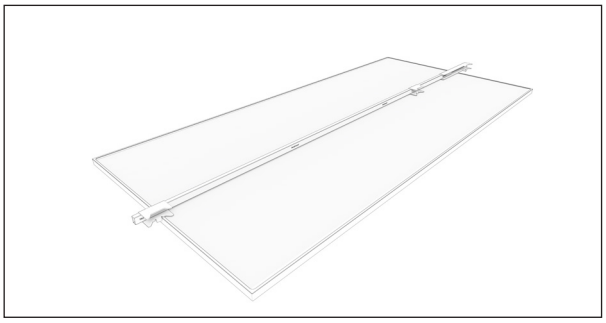
Follow the assembly instructions provided by our configurator, Nordmount Planner.

Mounting kit

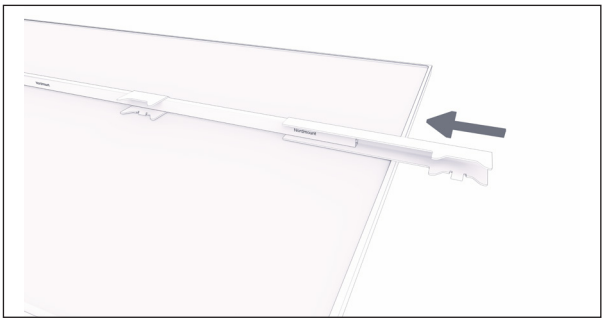
Art no 8000 – NM Flow Tower
Art no 8001 – NM Flow Wing
Art no 8002 – NM Flow Link
Art no 8003 – NM Flow Clamp
Art no 8004 – NM Flow Line
Art no 8005 – NM Flow Strip
Art no 8008 – NM Flow Cable Shield
Art no 8011 – NM Flow Setter

Art no 63190300 – NM Screw

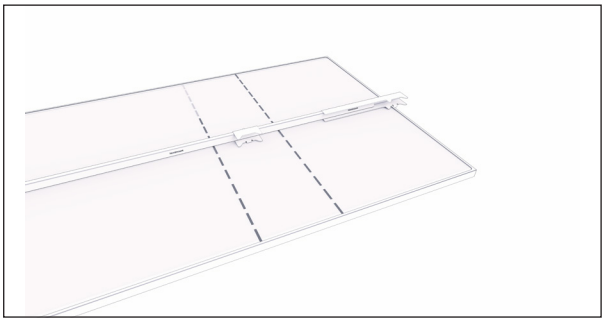
Installation | Ballast



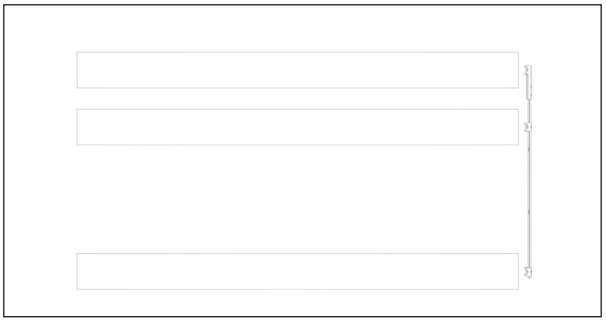
1. Place the spacing tool over the short edges of the solar panel to be used.



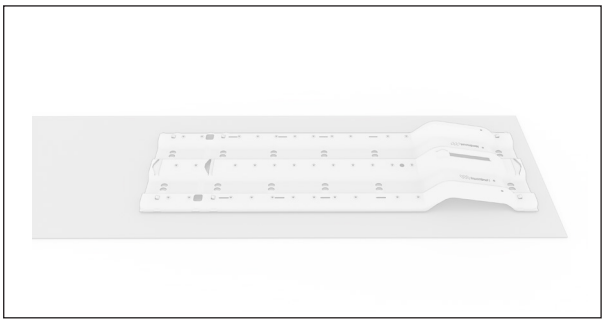
2. Loosen the latch on top of the tool, adjust it to the panel edge, and tighten the screw.



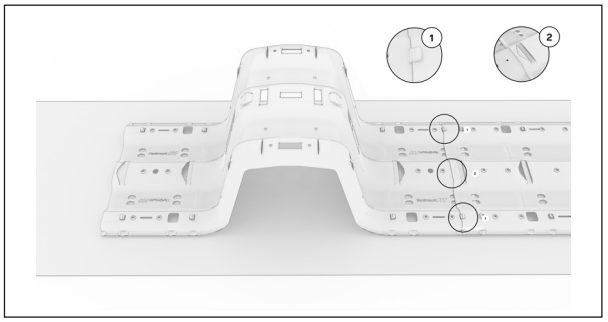
3. Set the clamp zone marker to the dimension specified by the panel manufacturer's guidelines.



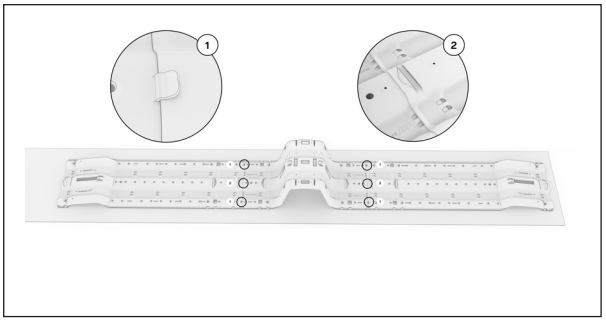
4. Use the spacing tool to position the first three rows. Roll out the EPDM mat.



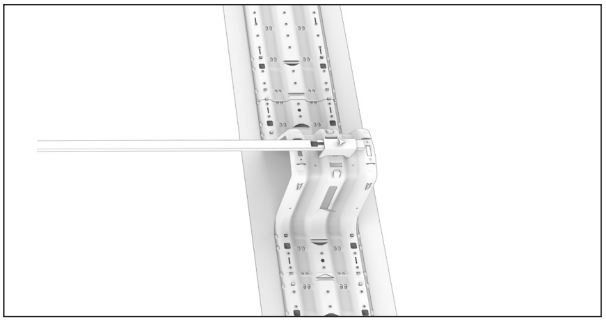
5. On the first row: Place a wing centrally at the end of the EPDM mat. Ensure that there is a clear margin between the wing and the edges of the mat.



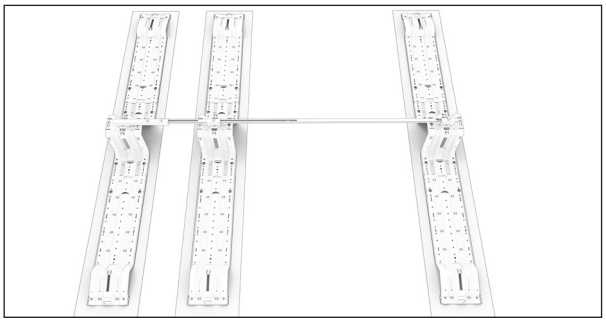
6. Snap a tower into place on the wing and make sure all three locking points are secured. [1] The tower or wing must be under the locking hooks. [2] Both locking hooks must be visible in the groove.



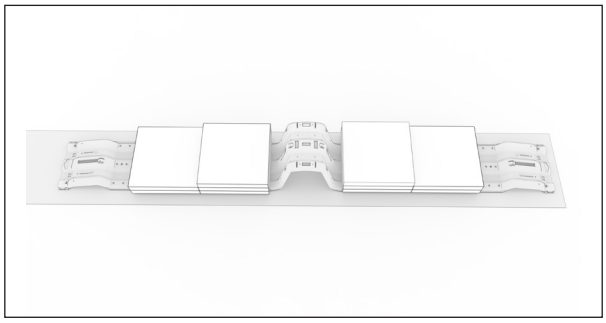
7. Attach a second wing to the tower and ensure that all locking points are engaged. [1] The tower or wing must be under the locking hooks. [2] Both locking hooks must be visible in the groove.



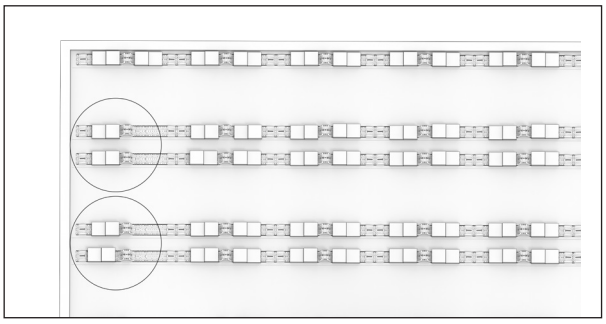
8. Insert the spacing tool into the Tower to correctly position Towers in the subsequent rows.



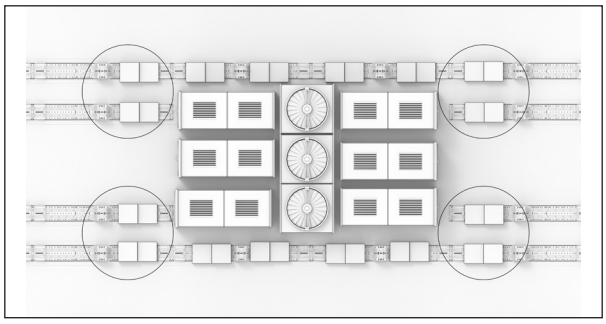
9. Let the tool remain in place, and install the wings on the towers. Check all locking points.



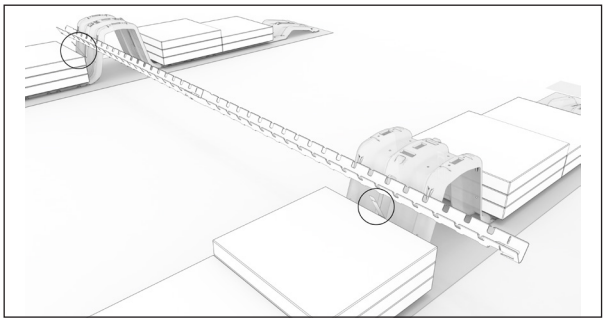
10. Place and distribute ballast according to the project-specific calculations from NM Planner.



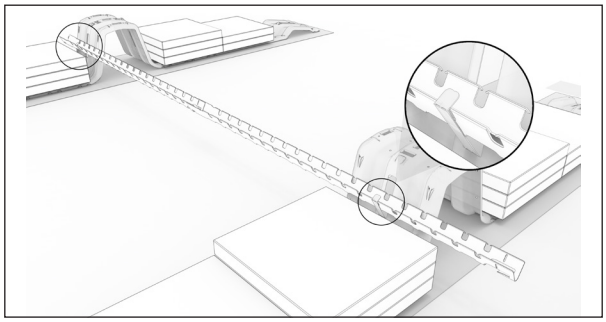
11. At the outer edges of panel groups, maximize weight on the outer Wings without letting the ballast interfere with panel placement.



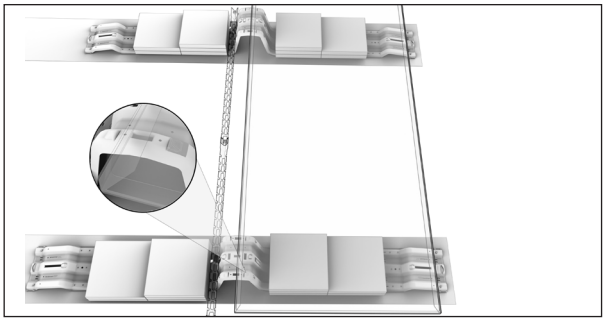
12. Apply the same principle near roof obstacles, placing ballast primarily on the Wings closest to the obstacle.



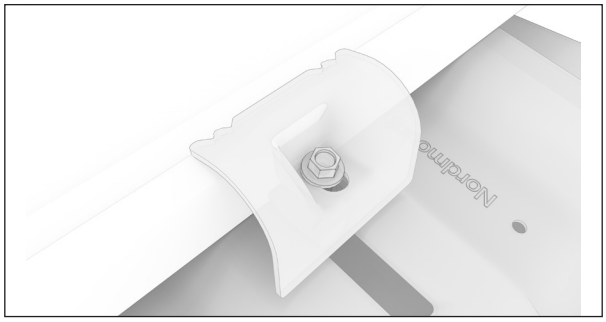
13. Fold down the steel tabs on the Towers and place the cable tray on top.



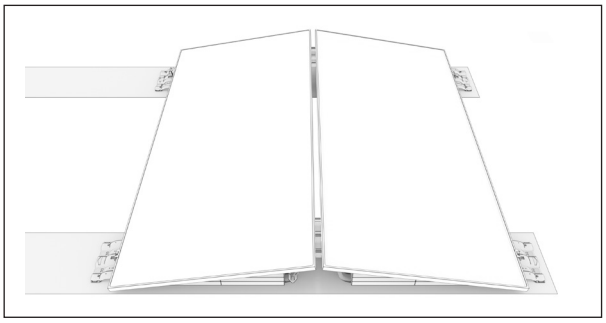
14. Lock the cable tray by folding the tabs back. Connect trays between panel sections.



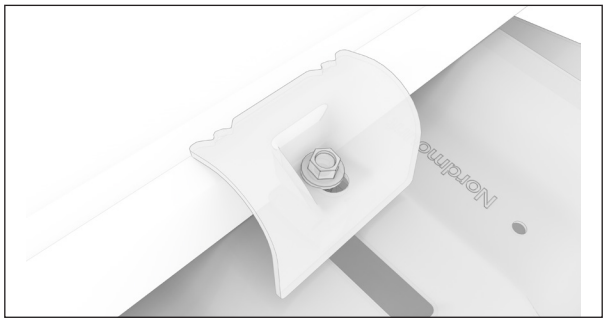
15. Place one solar panel on one side of the section, using the Tower's integrated panel support.



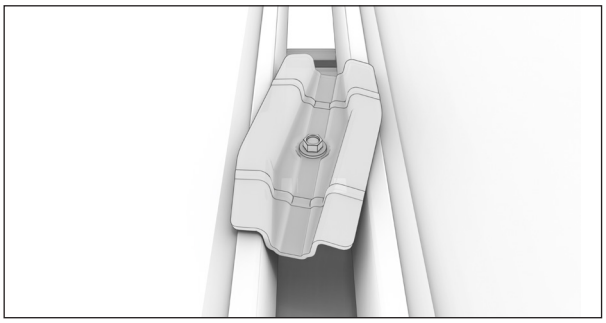
16. Secure the panel with one end clamp in each Wing, tightening to 10 - 12 Nm.



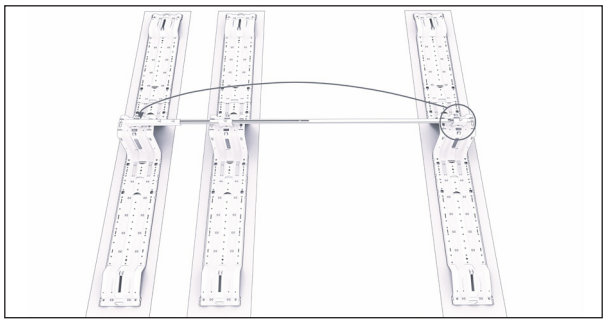
17. Place a second solar panel on the opposite side of the section.



18. Secure it with end clamps, tightening to 10 -12 Nm.



19. Attach mid clamps to the Towers and rotate them clockwise if the panel frames allow; otherwise, position them vertically. Tighten to 10 - 12 Nm.



20. Use the Tower in row three as the starting point for the spacing tool. Return to step 8 and repeat.

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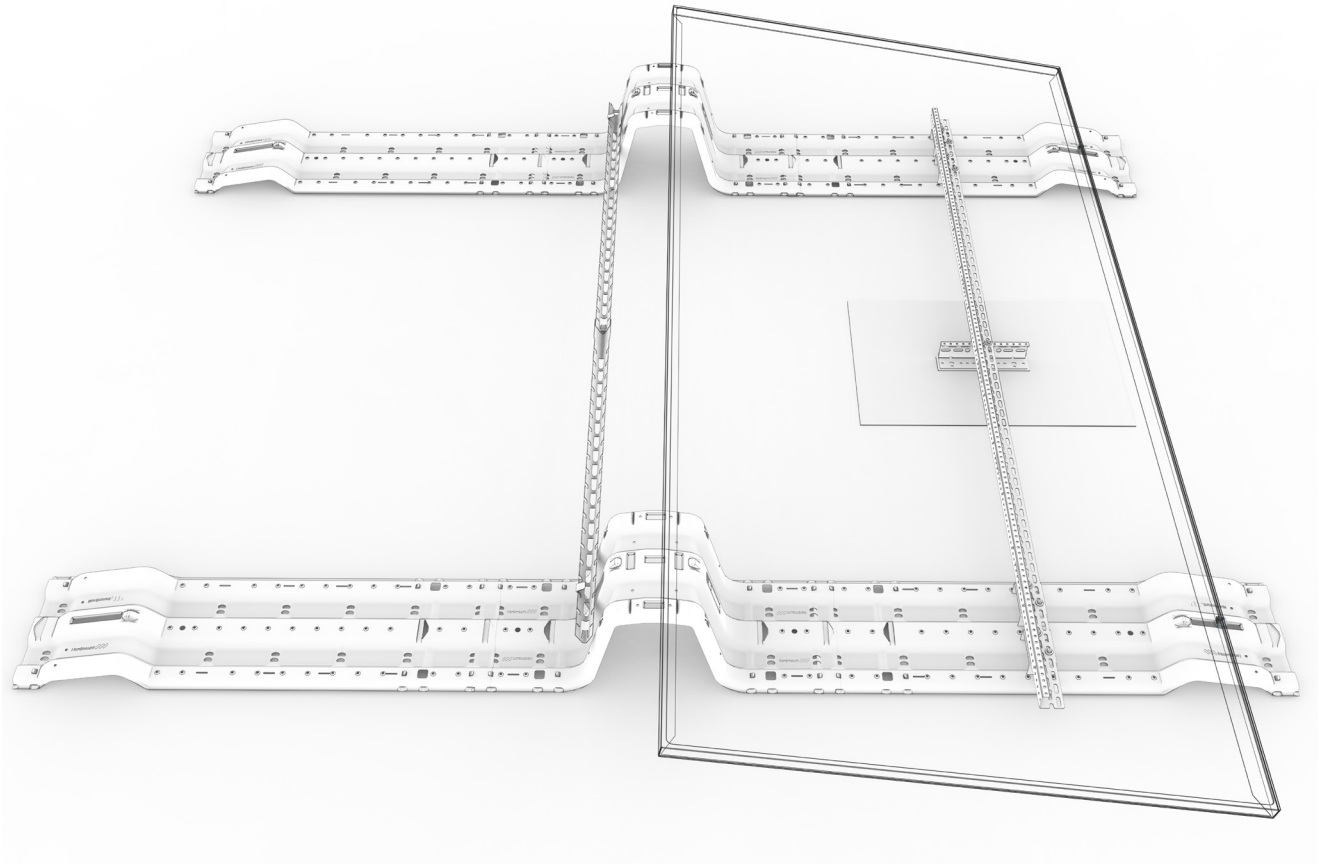

Installation | Welded

Follow the assembly instructions provided by our configurator, Nordmount Planner.

Mounting kit

Art no 8000 – NM Flow Tower
Art no 8001 – NM Flow Wing
Art no 8002 – NM Flow Link
Art no 8003 – NM Flow Clamp
Art no 8004 – NM Flow Line
Art no 8005 – NM Flow Strip
Art no 8008 – NM Flow Cable Shield
Art no 8011 – NM Flow Setter
Art no 1621 – NM Hyper Plate
Art no 1621-50 – NM Hyper Plate Kit
Art no 1919 – NM Hyper Joint Rail
Art no 1916 – NM Hyper Rail
Art no 8006 – NM Flow Dock
Art no 8007 – NM Flow Pad
Art no 63190300 – NM Screw

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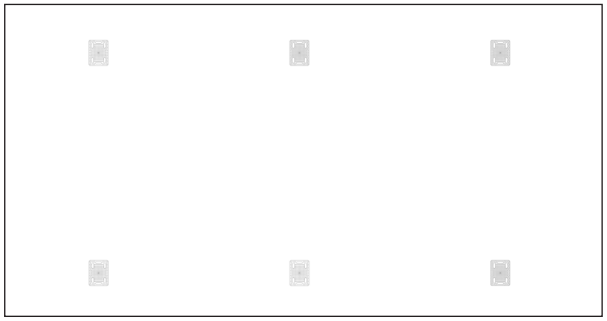
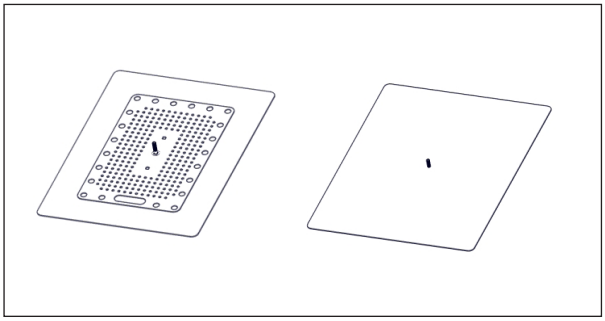
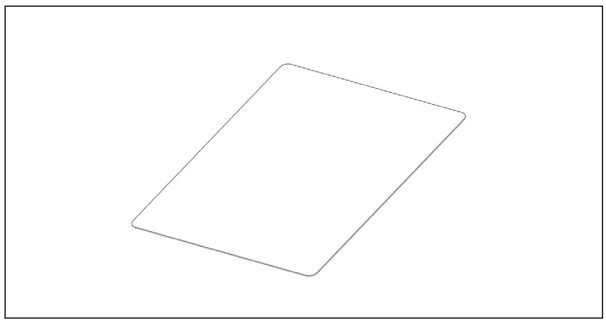
Installation | Welded



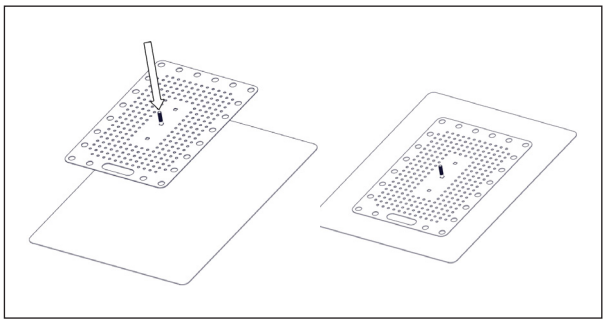
1. Measure and mark the positions according to your calculation in NM Planner, and place the welded base plates.



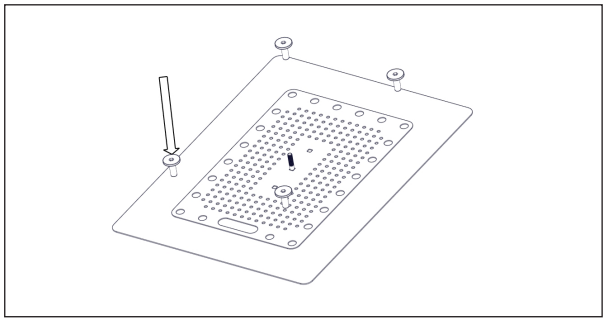
2. The plate is designed according to Tätskiktsgarantier's 2025 guidelines. Always follow the roof-specific installation instructions.



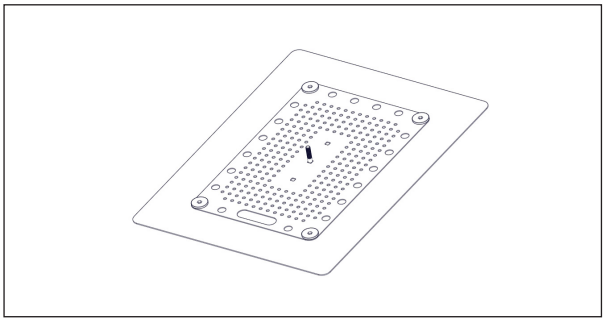
3. If necessary, place a new piece of cardboard 50 mm larger than the plate. Fully welded to substrate/roof covering.



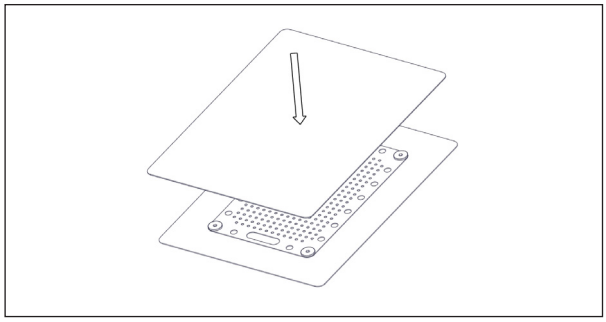
4. Position the plate with screws on the piece of felt.



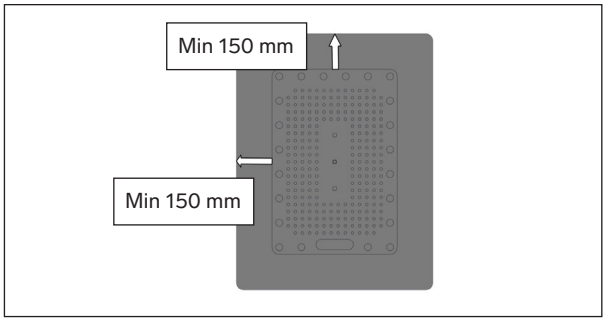
5. Screw in at least 4 screws for roof.



6.



7. Position a new piece of felt that is 150 mm larger than the plate all around, then cut out holes for screws.



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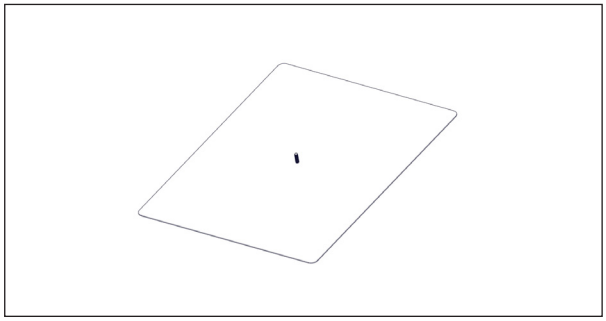
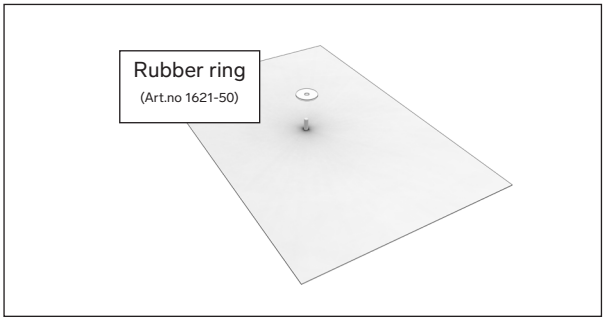
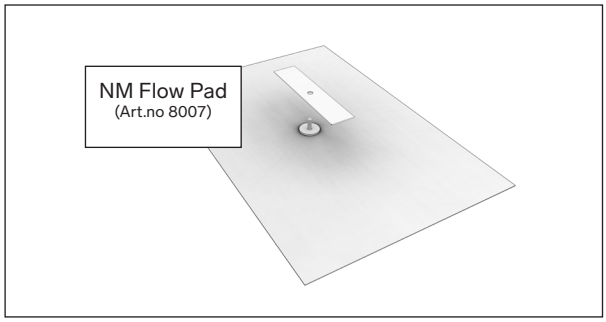


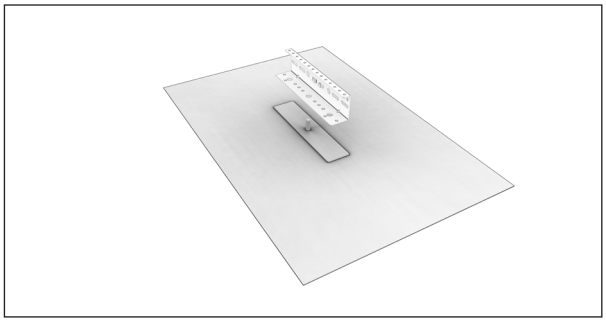
9. Weld the piece of felt in place and check that it is welded all around.



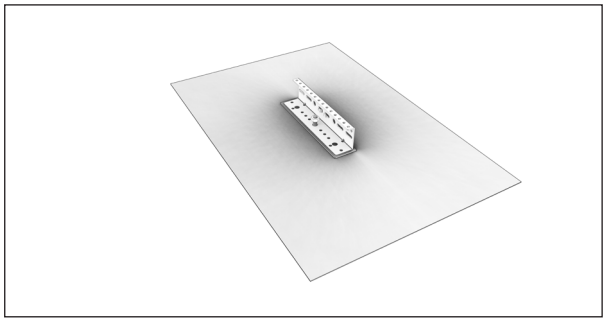
10.



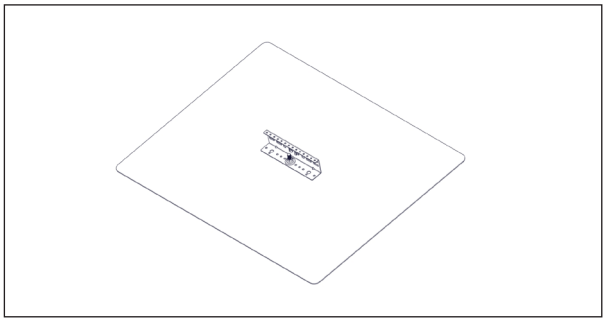
11.



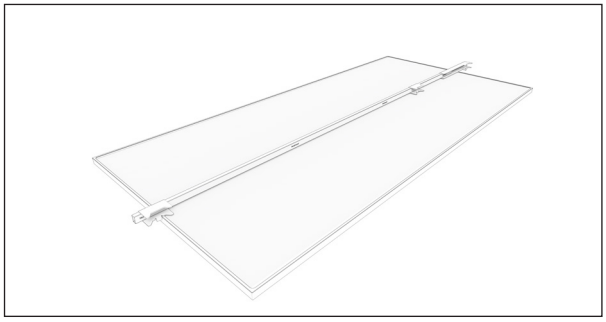
12.



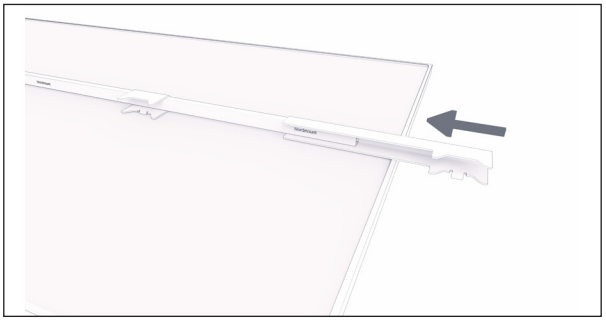
13. Torque-tighten the nut in the NM Hyper Plate to 10 Nm.



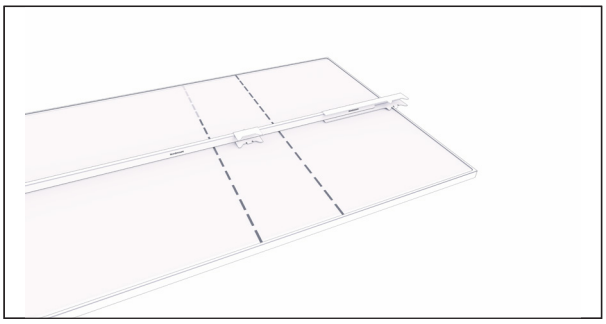
14.



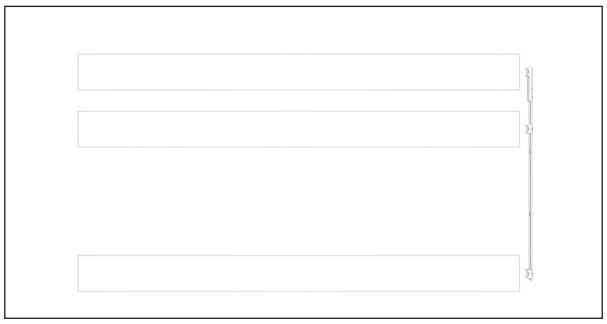
15. Place the spacing tool over the short edges of the solar panel to be used.



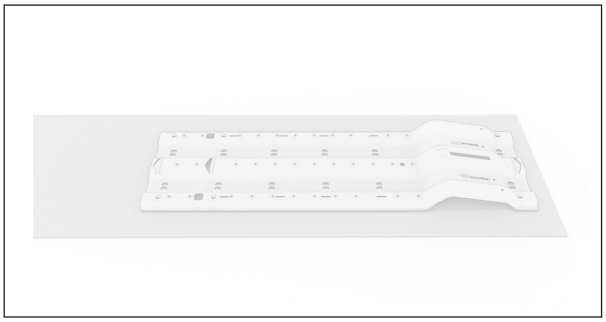
16. Loosen the latch on top of the tool, adjust it to the panel edge, and tighten the screw.



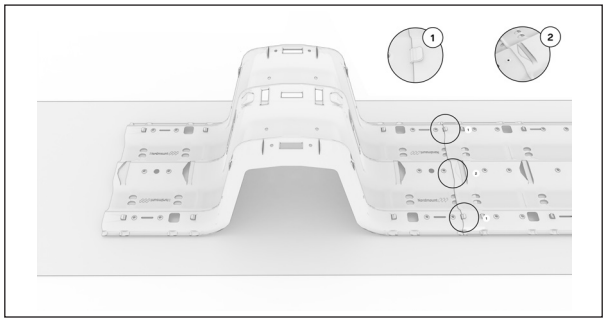
17. Set the clamp zone marker to the dimension specified by the panel manufacturer's guidelines.



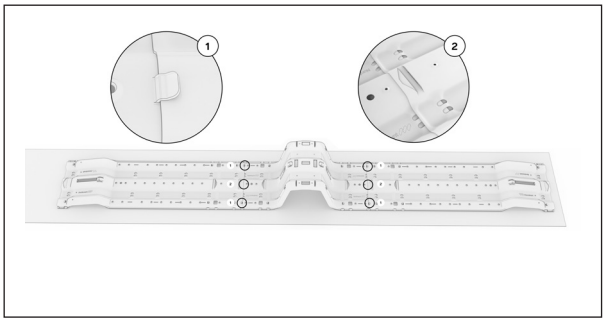
18. Use the spacing tool to position the first three rows. Roll out the EPDM mat.



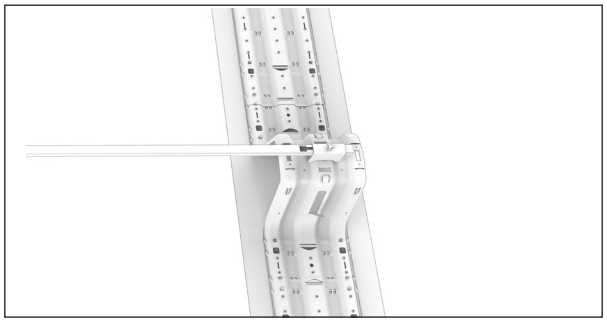
19. On the first row: Place a wing centrally at the end of the EPDM mat. Ensure that there is a clear margin between the wing and the edges of the mat.



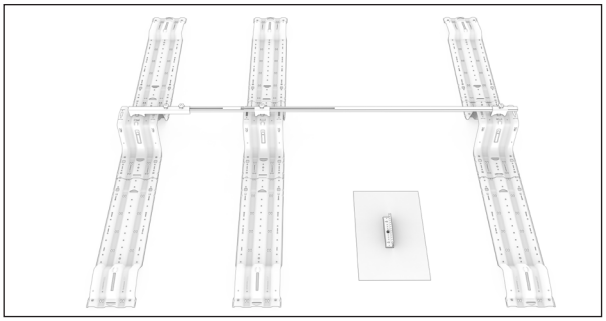
20. Snap a tower into place on the wing and make sure all three locking points are secured. [1] The tower or wing must be under the locking hooks. [2] Both locking hooks must be visible in the groove.



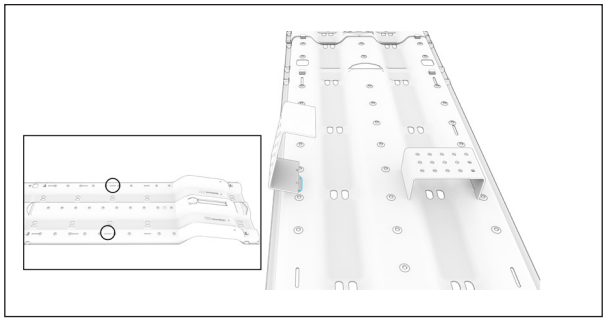
21. Attach a second wing to the tower and ensure that all locking points are engaged. [1] The tower or wing must be under the locking hooks. [2] Both locking hooks must be visible in the groove.



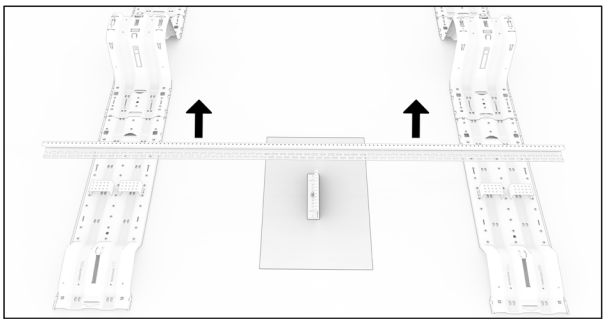
22. Insert the spacing tool into the Tower to correctly position Towers in the subsequent rows.



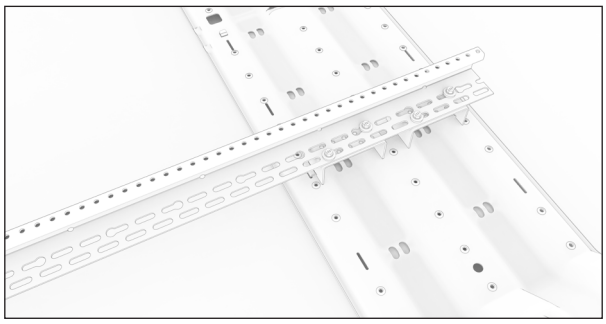
23. Leave the tool in place and install the wings onto the towers. Make sure all locking points are secured. A straight and precise installation at this stage will simplify the rest of the process.



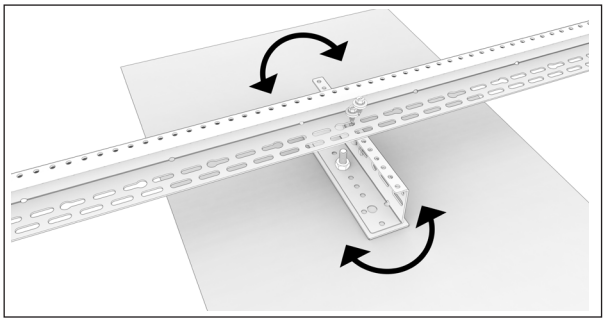
24. Check your NM Planner configuration to determine where the rail should be placed. Insert the NM Flow Dock into hole row two, counted from the top of the wing.



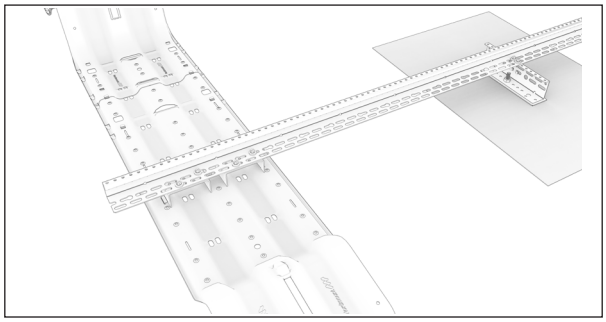
25. Place the rail onto the NM Flow Dock and NM Hyper Joint Rail. Align it with the outer edge of the wing, and make sure the back of the rail is facing the nearest tower.



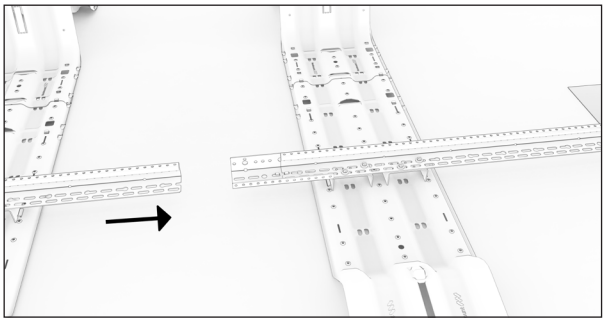
26. Fasten two screws diagonally in each spacer.



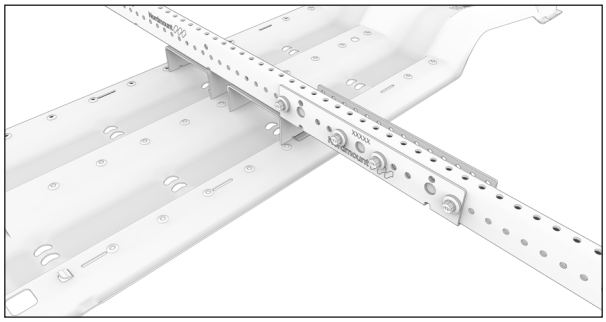
27. Secure the joint with two screws. If necessary, loosen and adjust it for hole alignment – but ensure it still follows the wing alignment.



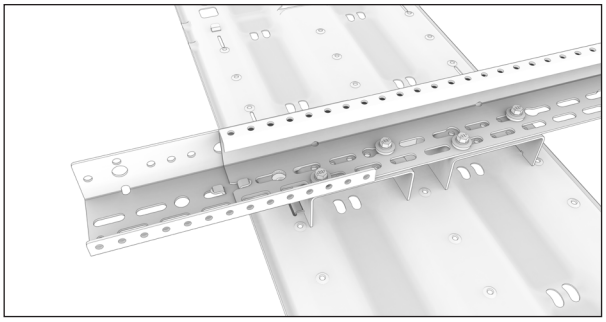
28. Fasten two screws diagonally in each spacer.



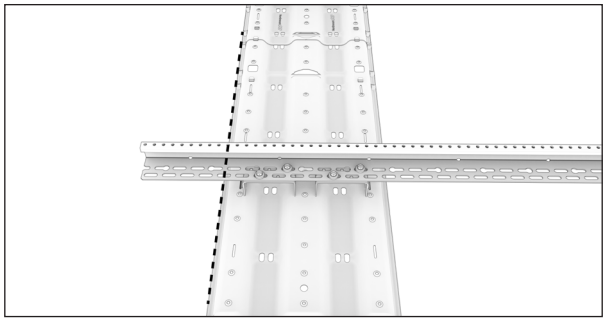
29. Place a joint, NM Hyper Joint Rail, at the end of the rail. Slide the next rail into the joint.



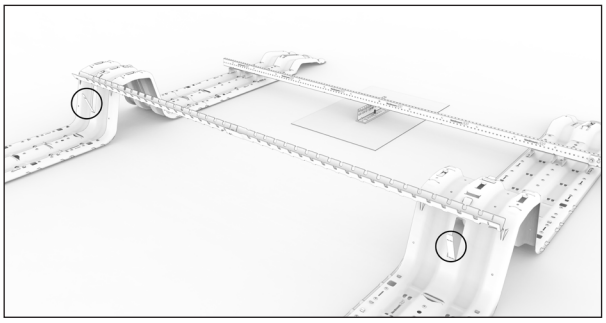
30. Fasten the NM Hyper Joint Rail to the rails using four screws.



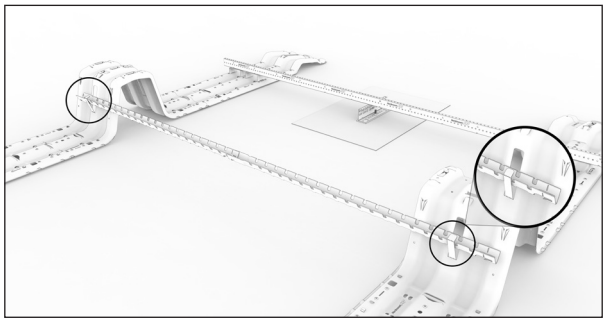
31. If the joint ends up between the rail and the spacers, anchor it to the spacers together with the rail.



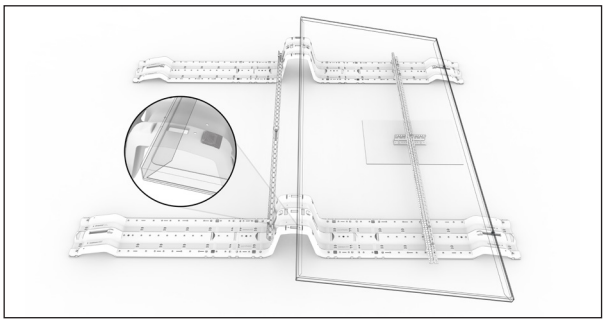
32. If the rail extends past the last row, cut it in line with the outer edge of the wing.



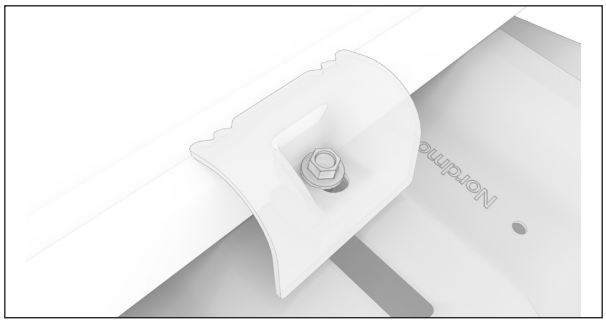
33. Fold down the steel tabs on the Towers and place the cable tray on top.



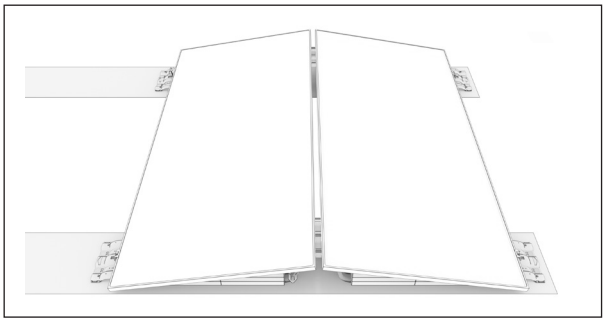
34. Lock the cable tray by folding the tabs back. Connect trays between panel sections.



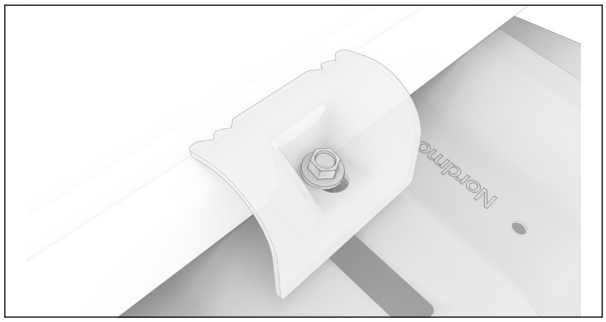
35. Place one solar panel on one side of the section, using the Tower's integrated panel support.



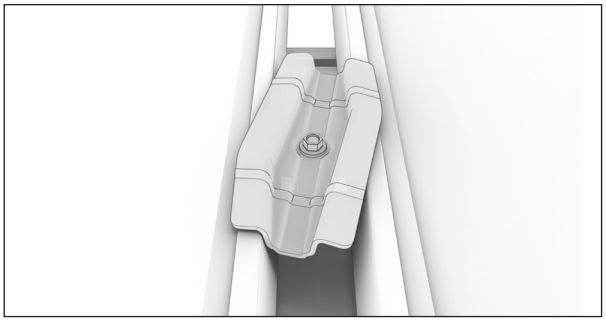
36. Secure the panel with one end clamp in each Wing, tightening to 10 - 12 Nm.



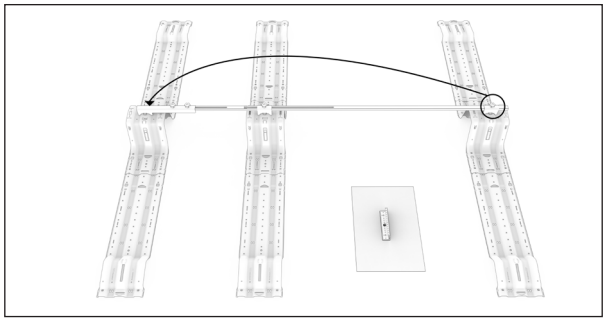
37. Place a second solar panel on the opposite side of the section.



38. Secure it with end clamps, tightening to 10 -12 Nm.



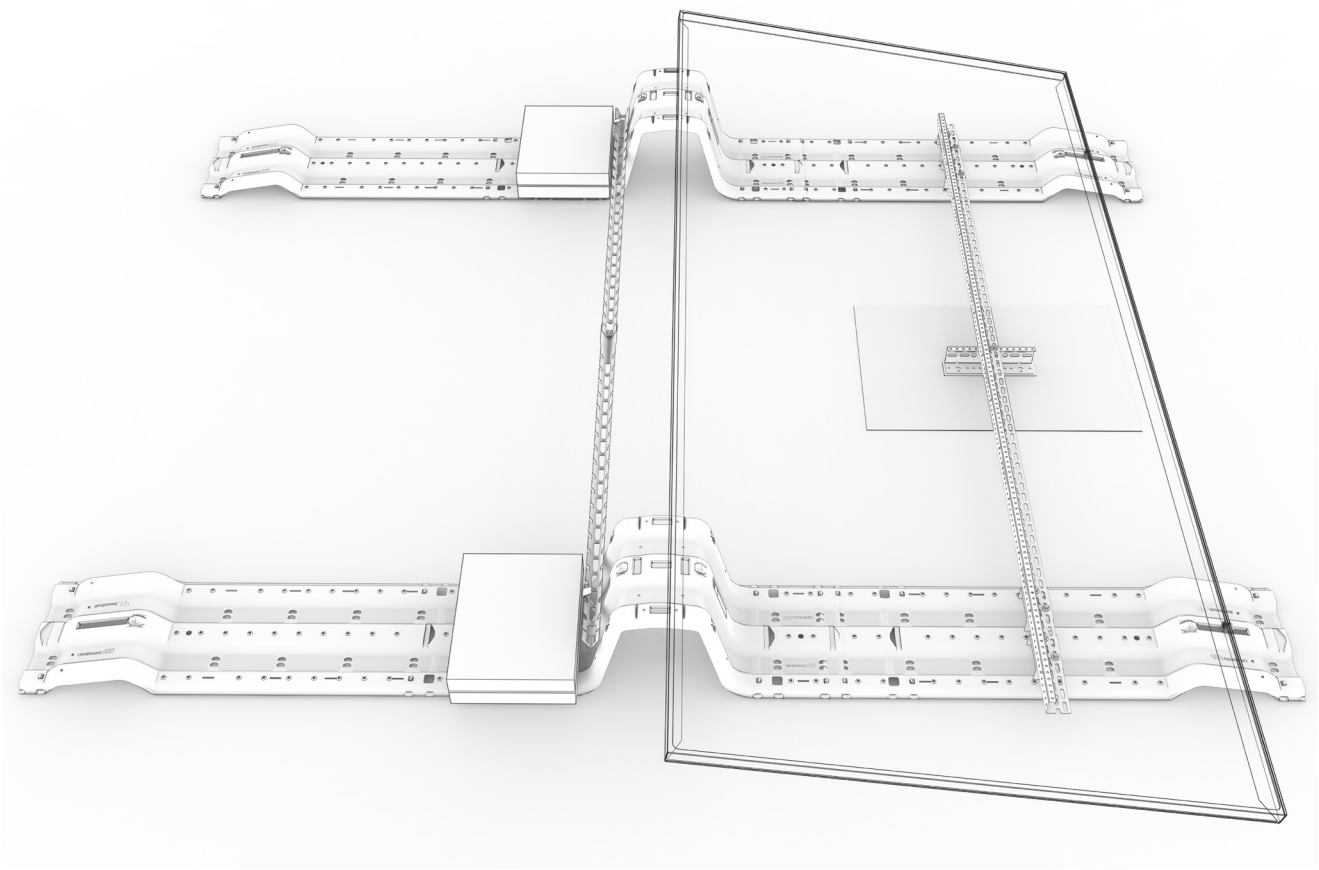
39. Attach mid clamps to the Towers and rotate them clockwise if the panel frames allow; otherwise, position them vertically. Tighten to 10 - 12 Nm.



40. Use the Tower in row three as the starting point for the spacing tool. Return to step 22 and repeat.

Nordmount
Made in Sweden

Version 1.3
2025-12-09



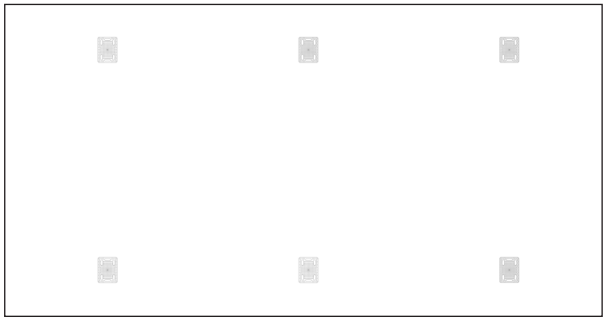
Installation | Hybrid: Welded

Follow the assembly instructions provided by our configurator, Nordmount Planner.

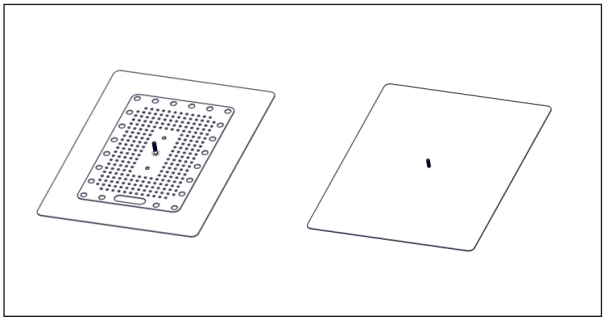
Mounting kit

Art no 8000 – NM Flow Tower
Art no 8001 – NM Flow Wing
Art no 8002 – NM Flow Link
Art no 8003 – NM Flow Clamp
Art no 8004 – NM Flow Line
Art no 8005 – NM Flow Strip
Art no 8008 – NM Flow Cable Shield
Art no 8011 – NM Flow Setter
Art no 1621 – NM Hyper Plate
Art no 1621-50 – NM Hyper Plate Kit
Art no 1919 – NM Hyper Joint Rail
Art no 1916 – NM Hyper Rail
Art no 8006 – NM Flow Dock
Art no 8007 – NM Flow Pad
Art no 63190300 – NM Screw

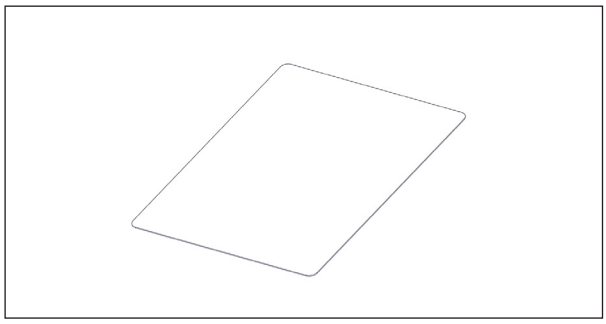
Installation | Hybrid: Welded



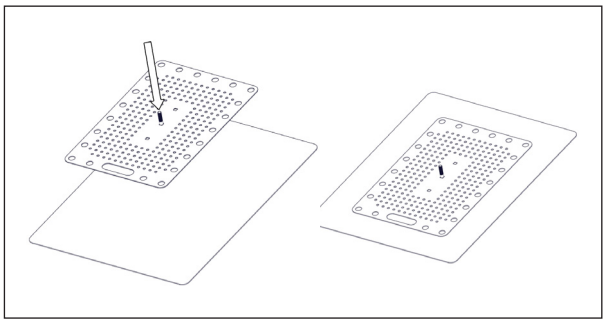
1. Measure and mark the positions according to your calculation in NM Planner, and place the welded base plates.



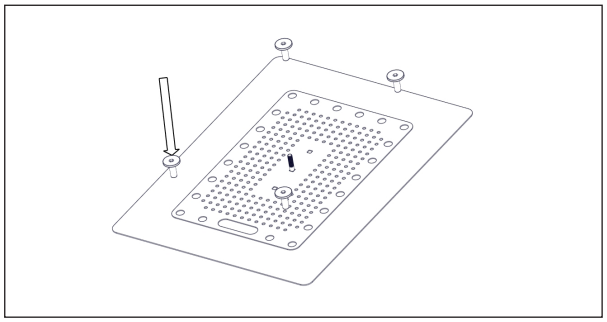
2. The plate is designed according to Tätskiktsgarantier's 2025 guidelines. Always follow the roof-specific installation instructions.



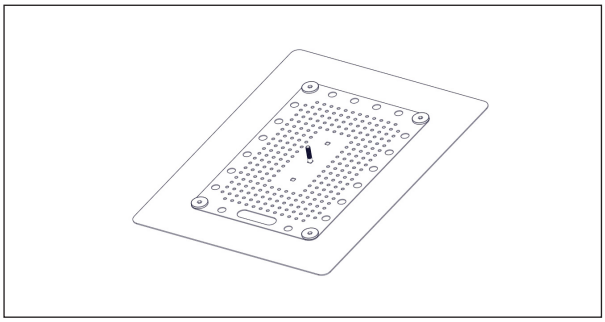
3. If necessary, place a new piece of cardboard 50 mm larger than the plate. Fully welded to substrate/roof covering.



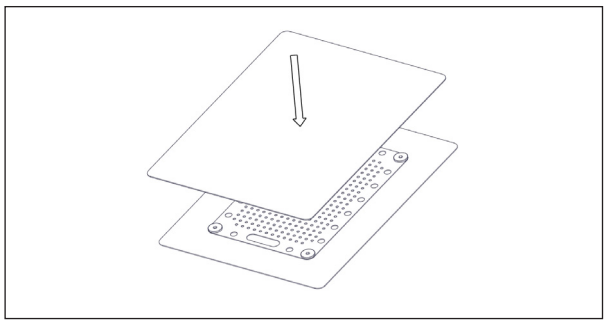
4. Position the plate with screws on the piece of felt.



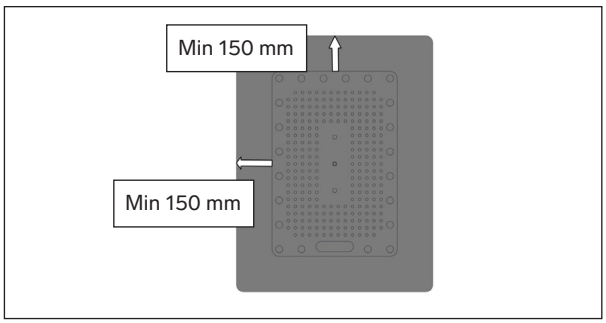
5. Screw in at least 4 screws for roof.



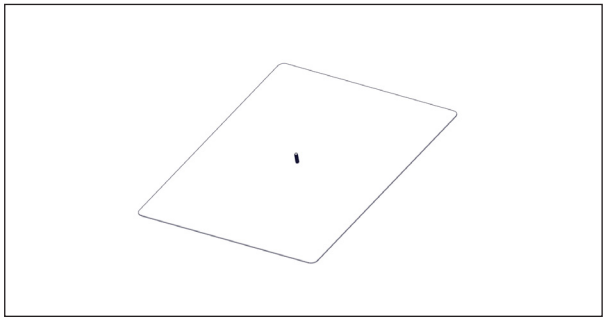
6.



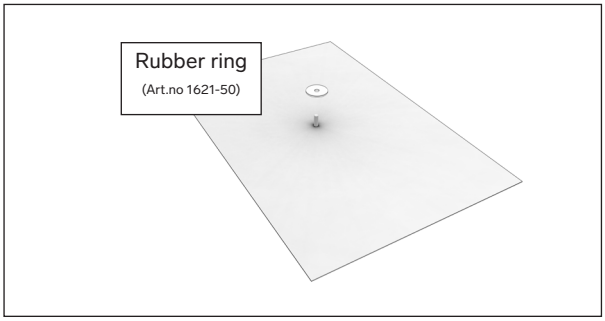
7. Position a new piece of felt that is 150 mm larger than the plate all around, then cut out holes for screws.



8.



9. Weld the piece of felt in place and check that it is welded all around.



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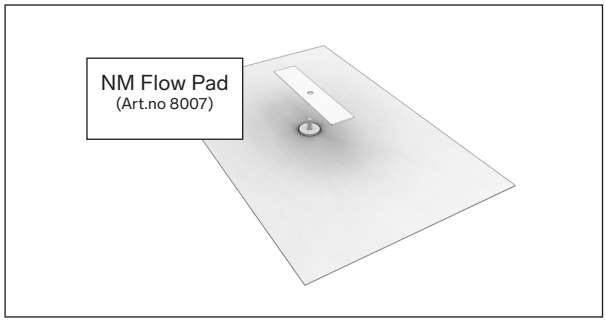
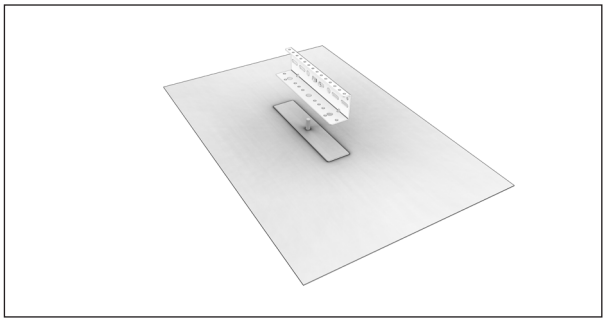
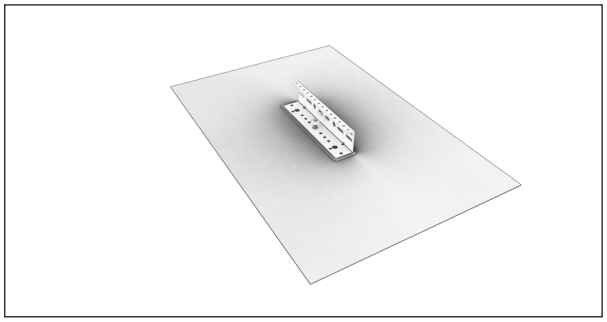


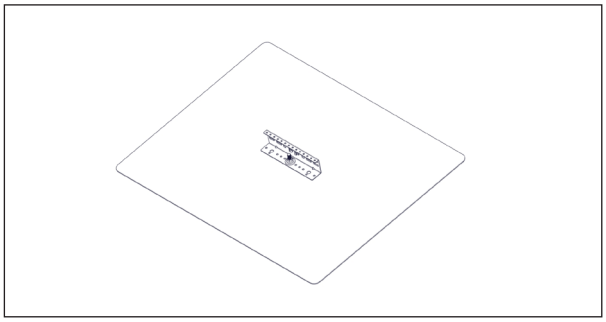
11.



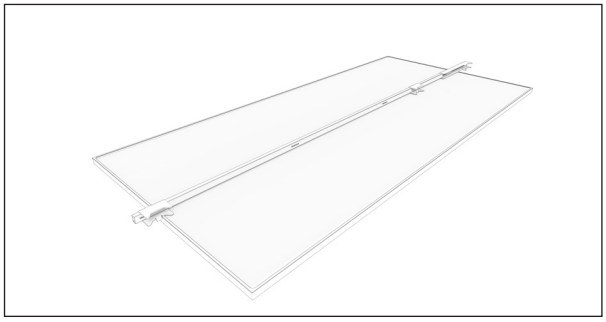
12.



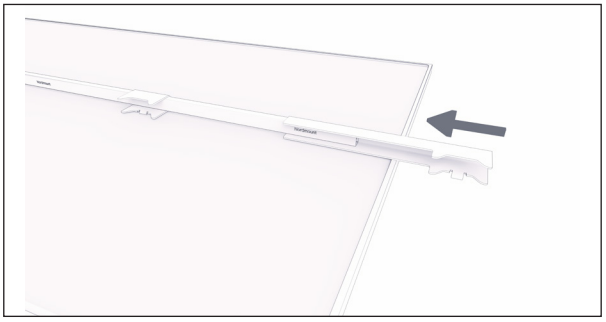
13. Torque-tighten the nut in the NM Hyper Plate to 10 Nm.



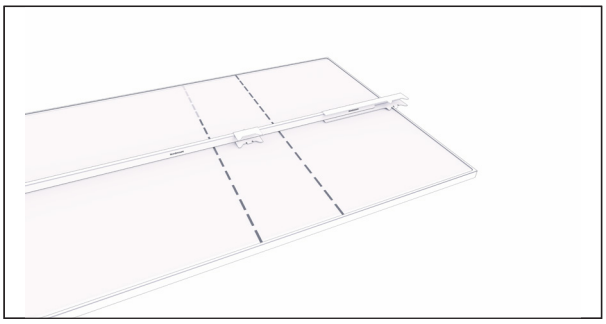
14.



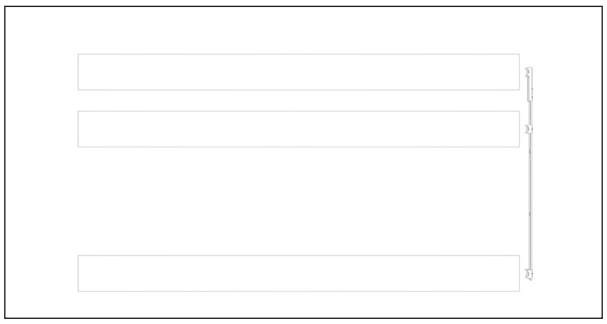
15. Place the spacing tool over the short edges of the solar panel to be used.



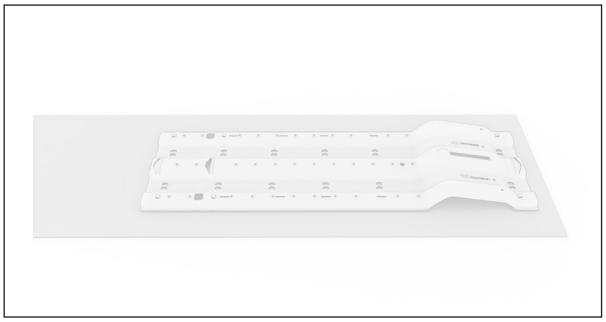
16. Loosen the latch on top of the tool, adjust it to the panel edge, and tighten the screw.



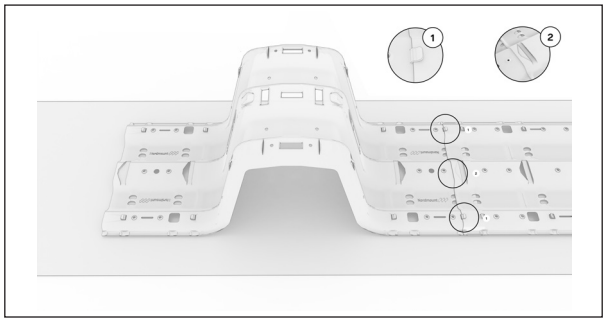
17. Set the clamp zone marker to the dimension specified by the panel manufacturer's guidelines.



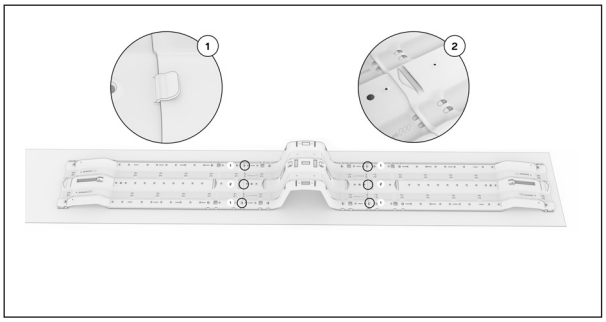
18. Use the spacing tool to position the first three rows. Roll out the EPDM mat.



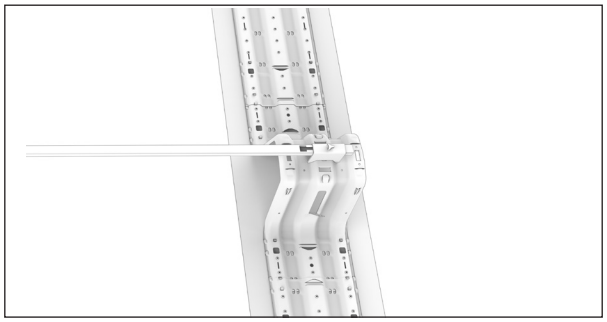
19. On the first row: Place a wing centrally at the end of the EPDM mat. Ensure that there is a clear margin between the wing and the edges of the mat.



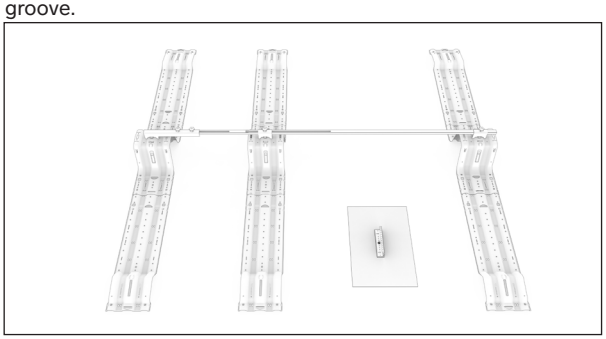
20. Snap a tower into place on the wing and make sure all three locking points are secured. ¹ The tower or wing must be under the locking hooks. ² Both locking hooks must be visible in the groove.



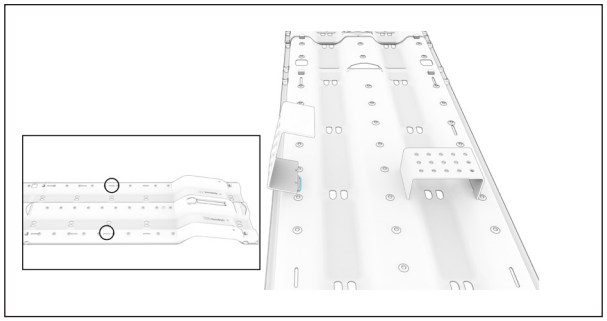
21. Attach a second wing to the tower and ensure that all locking points are engaged. ¹ The tower or wing must be under the locking hooks. ² Both locking hooks must be visible in the groove.



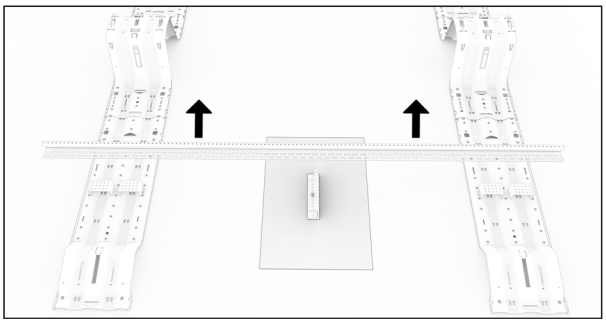
22. Insert the spacing tool into the Tower to correctly position Towers in the subsequent rows.



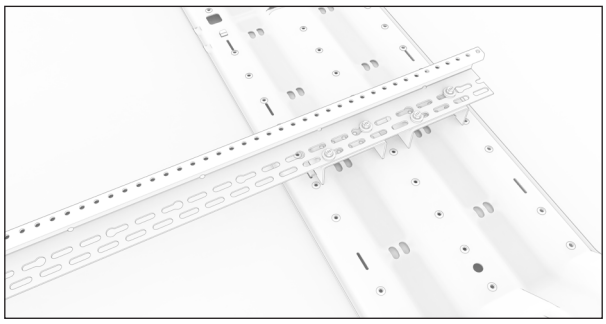
23. Leave the tool in place and install the wings onto the towers. Make sure all locking points are secured. A straight and precise installation at this stage will simplify the rest of the process.



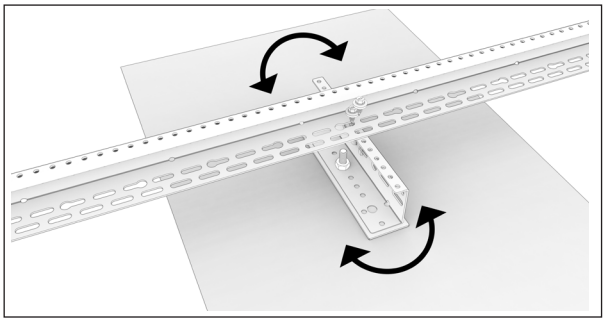
24. Check your NM Planner configuration to determine where the rail should be placed. Insert the NM Flow Dock into hole row two, counted from the top of the wing.



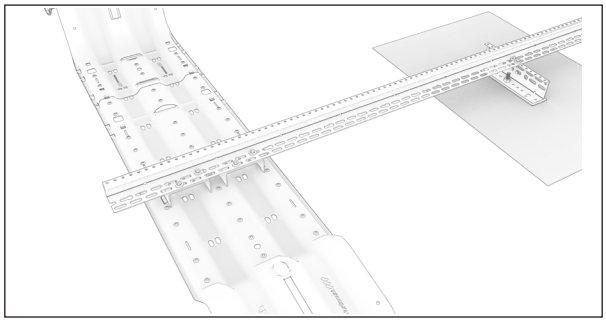
25. Place the rail onto the NM Flow Dock and NM Hyper Joint Rail. Align it with the outer edge of the wing, and make sure the back of the rail is facing the nearest tower.



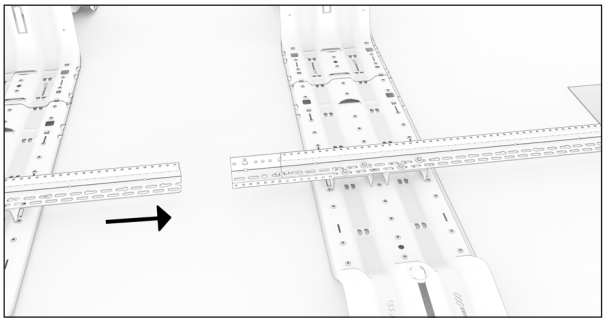
26. Fasten two screws diagonally in each spacer.



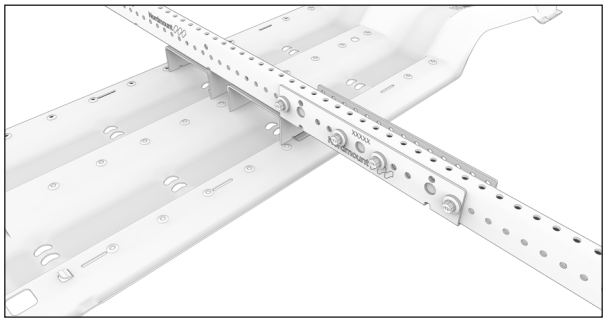
27. Secure the joint with two screws. If necessary, loosen and adjust it for hole alignment – but ensure it still follows the wing alignment.



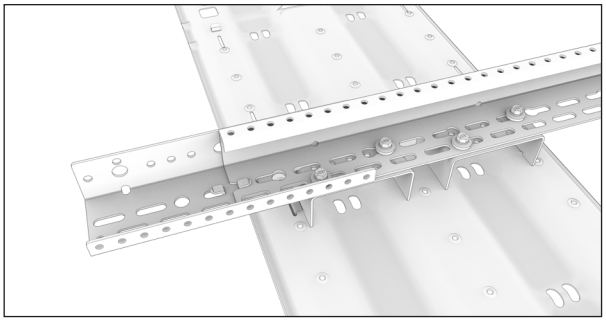
28. Fasten two screws diagonally in each spacer.



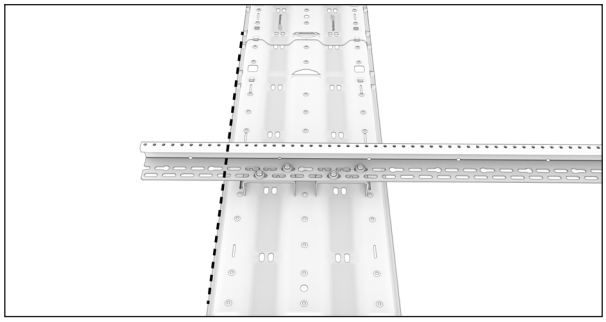
29. Place a joint, NM Hyper Joint Rail, at the end of the rail. Slide the next rail into the joint.



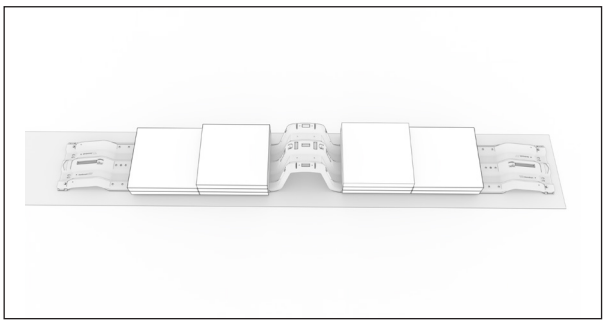
30. Fasten the NM Hyper Joint Rail to the rails using four screws.



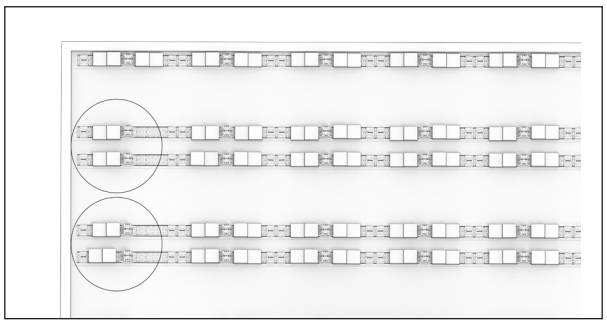
31. If the joint ends up between the rail and the spacers, anchor it to the spacers together with the rail.



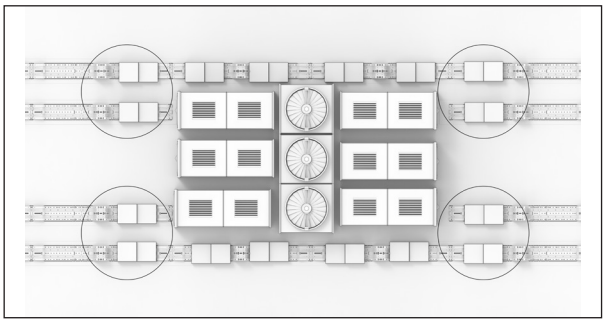
32. If the rail extends past the last row, cut it in line with the outer edge of the wing.



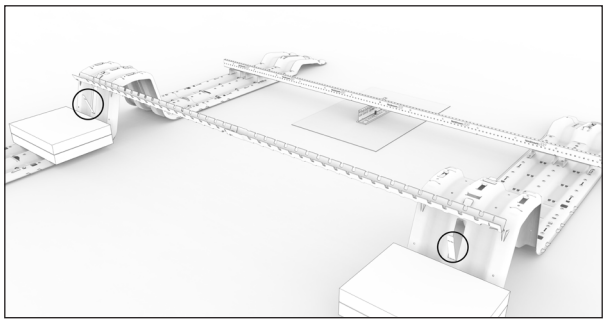
33. Place and distribute ballast according to the project-specific calculations from NM Planner.



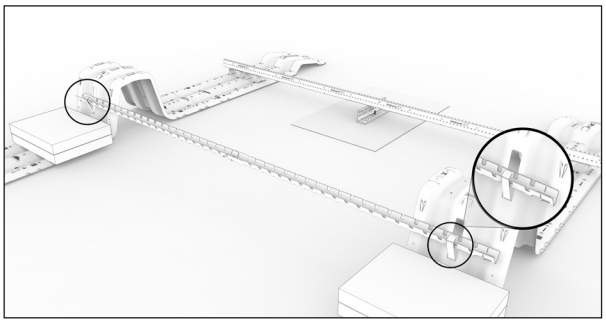
34. At the outer edges of panel groups, maximize weight on the outer Wings without letting the ballast interfere with panel placement.



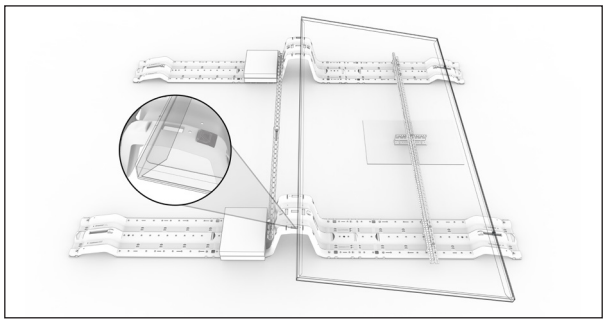
35. Apply the same principle near roof obstacles, placing ballast primarily on the Wings closest to the obstacle.



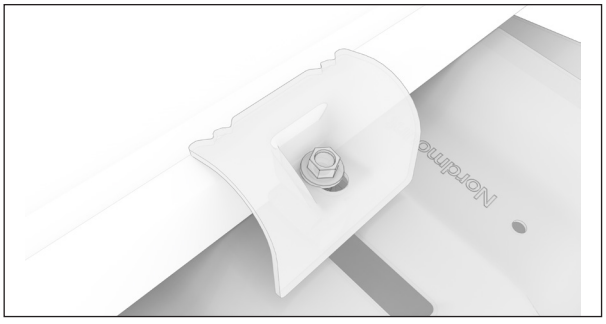
36. Fold down the steel tabs on the Towers and place the cable tray on top.



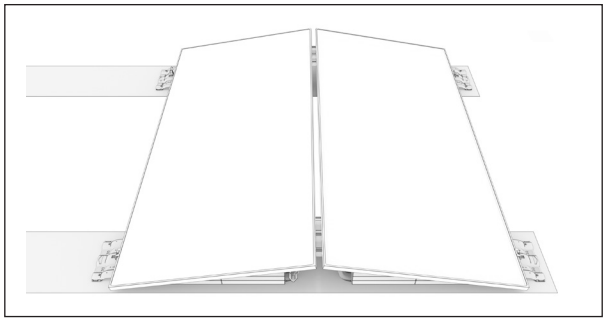
37. Lock the cable tray by folding the tabs back. Connect trays between panel sections.



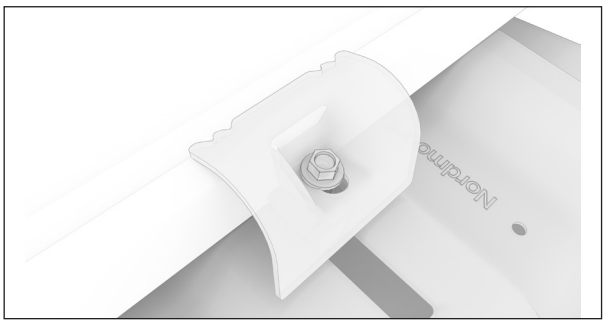
38. Place one solar panel on one side of the section, using the Tower's integrated panel support.



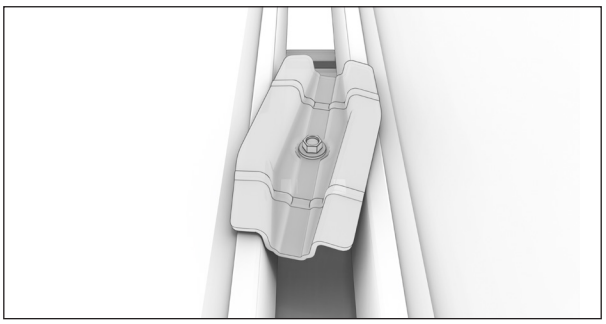
39. Secure the panel with one end clamp in each Wing, tightening to 10 - 12 Nm.



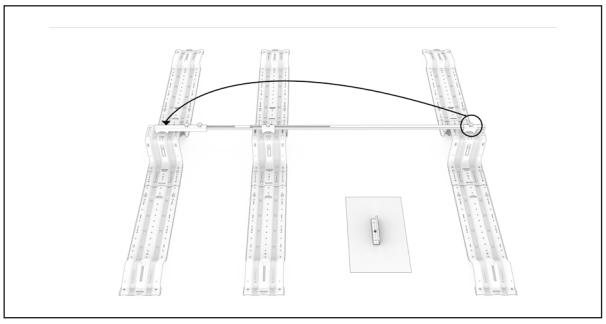
40. Place a second solar panel on the opposite side of the section.



41. Secure it with end clamps, tightening to 10 -12 Nm.



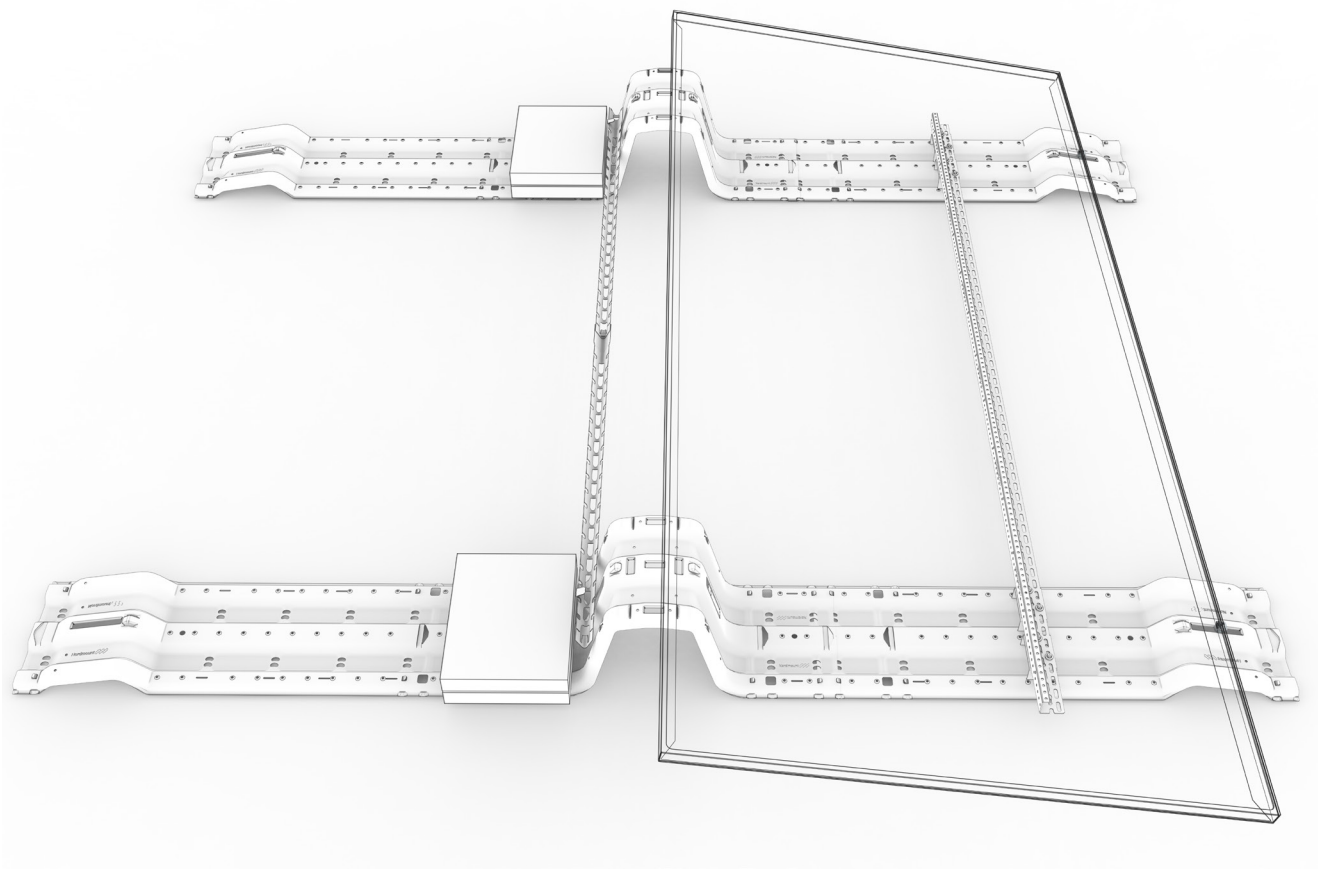
42. Attach mid clamps to the Towers and rotate them clockwise if the panel frames allow; otherwise, position them vertically. Tighten to 10 - 12 Nm.



43. Use the Tower in row three as the starting point for the spacing tool. Return to step 22 and repeat.

Nordmount
Made in Sweden

Version 1.3
2025-12-09



Installation | Hybrid: Ballast

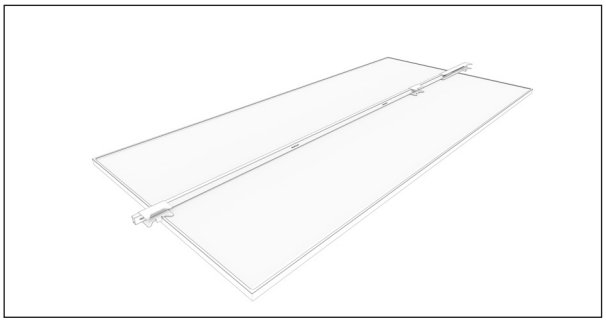
Follow the assembly instructions provided by our configurator, Nordmount Planner.

Mounting kit

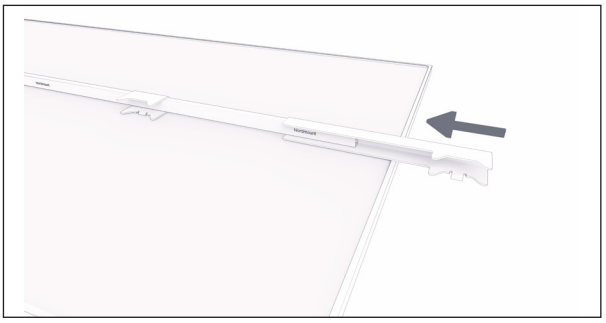
Art no 8000 – NM Flow Tower
Art no 8001 – NM Flow Wing
Art no 8002 – NM Flow Link
Art no 8003 – NM Flow Clamp
Art no 8004 – NM Flow Line
Art no 8005 – NM Flow Strip
Art no 8008 – NM Flow Cable Shield
Art no 8011 – NM Flow Setter

Art no 1919 – NM Hyper Joint Rail
Art no 1916 – NM Hyper Rail
Art no 8006 – NM Flow Dock
Art no 63190300 – NM Screw

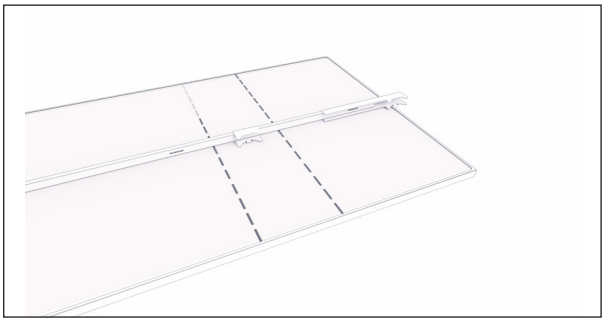
Installation | Hybrid: Ballast



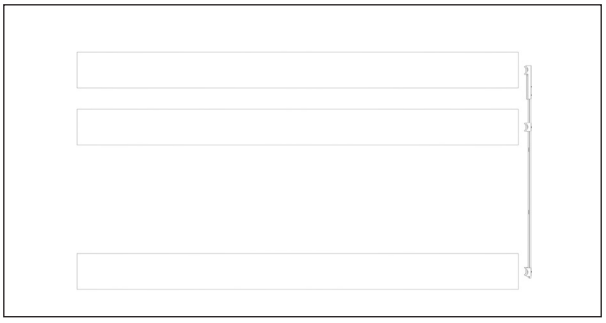
1. Place the spacing tool over the short edges of the solar panel to be used.



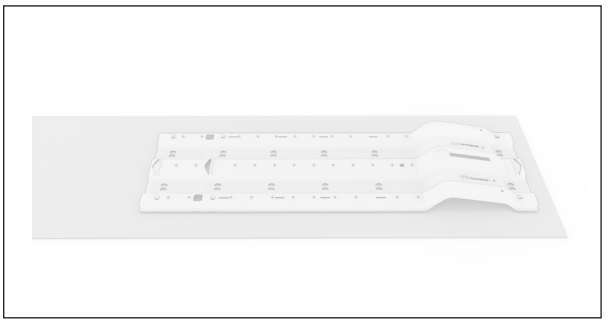
2. Loosen the latch on top of the tool, adjust it to the panel edge, and tighten the screw.



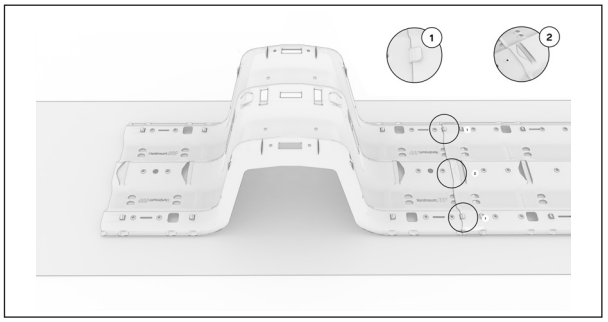
3. Set the clamp zone marker to the dimension specified by the panel manufacturer's guidelines.



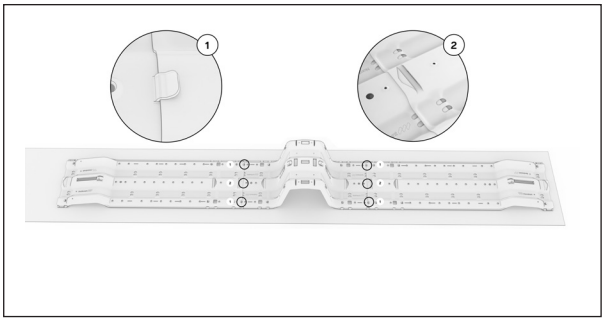
4. Use the spacing tool to position the first three rows. Roll out the EPDM mat.



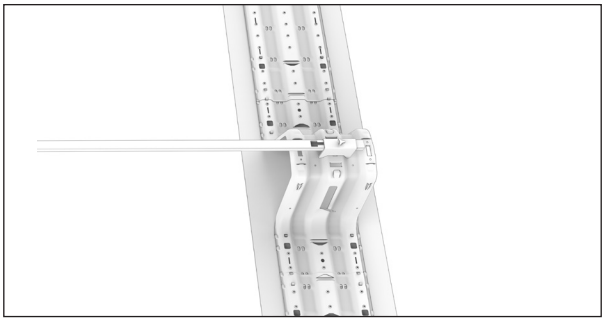
5. On the first row: Place a wing centrally at the end of the EPDM mat. Ensure that there is a clear margin between the wing and the edges of the mat.



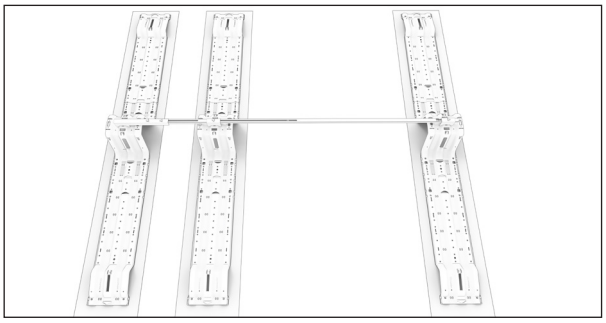
6. Snap a tower into place on the wing and make sure all three locking points are secured. [1] The tower or wing must be under the locking hooks. [2] Both locking hooks must be visible in the groove.



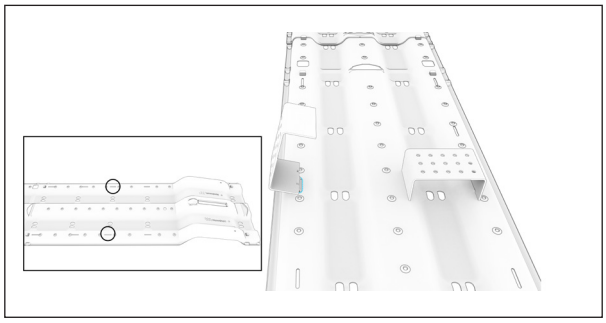
7. Attach a second wing to the tower and ensure that all locking points are engaged. [1] The tower or wing must be under the locking hooks. [2] Both locking hooks must be visible in the groove.



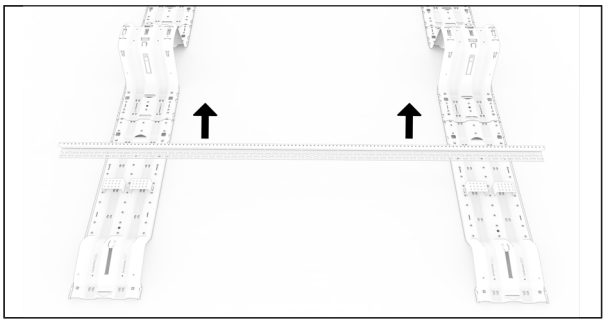
8. Insert the spacing tool into the Tower to correctly position Towers in the subsequent rows.



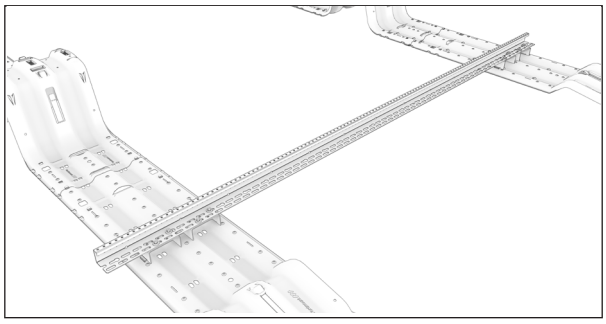
9. Leave the tool in place and install the wings onto the towers. Make sure all locking points are secured. A straight and precise installation at this stage will simplify the rest of the process.



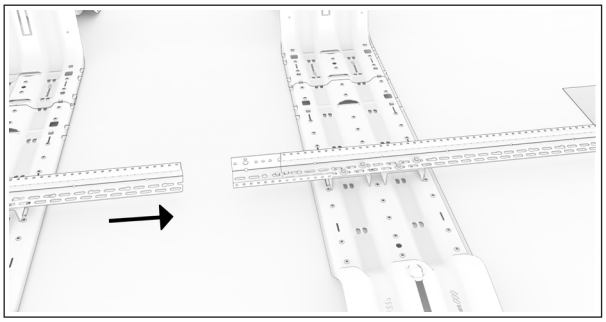
10. Check your NM Planner configuration to determine where the rail should be placed. Insert the NM Flow Dock into hole row two, counted from the top of the wing.



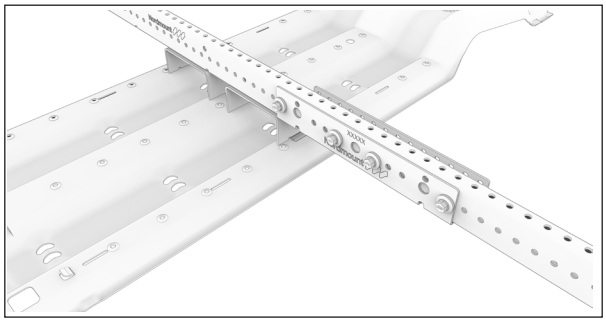
11. Place the rail onto the NM Flow Dock. Align it with the outer edge of the wing, and make sure the back of the rail is facing the nearest tower.



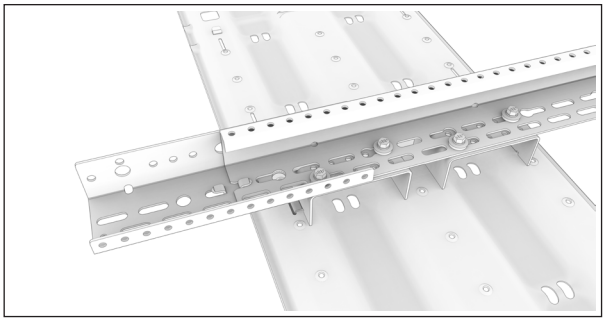
12. Fasten two screws diagonally in each spacer.



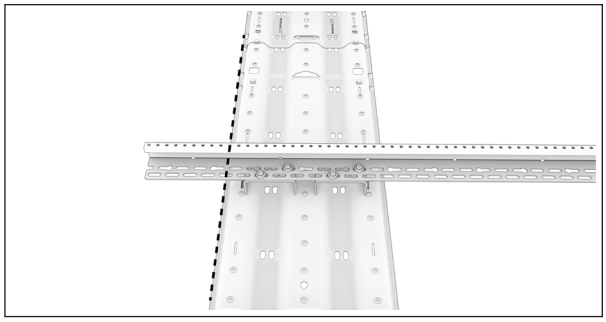
13. Place a joint, NM Hyper Joint Rail, at the end of the rail. Slide the next rail into the joint.



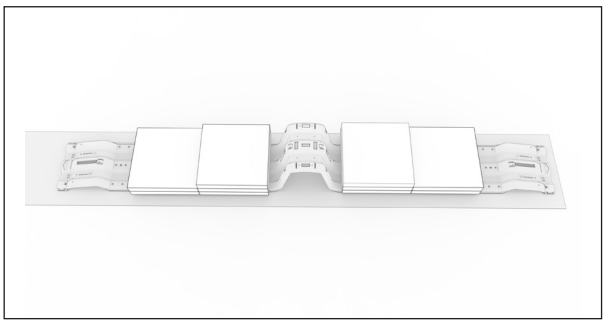
14. Fasten the NM Hyper Joint Rail to the rails using four screws.



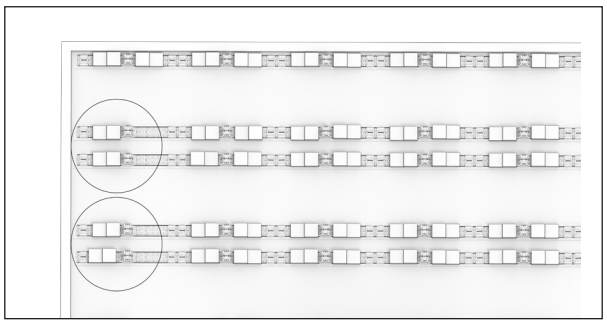
15. If the joint ends up between the rail and the spacers, anchor it to the spacers together with the rail.



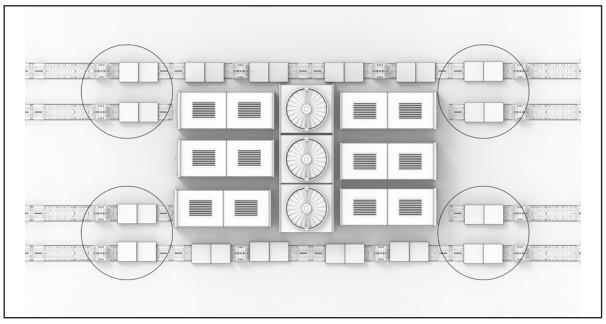
16. If the rail extends past the last row, cut it in line with the outer edge of the wing.



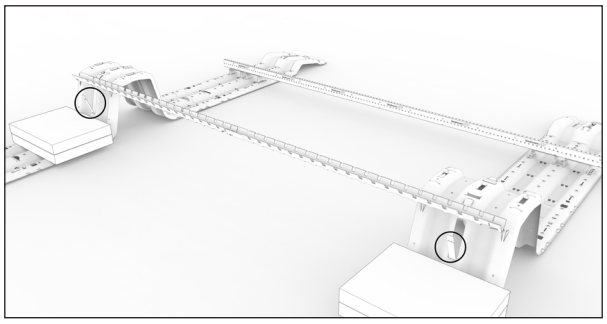
17. Place and distribute ballast according to the project-specific calculations from NM Planner.



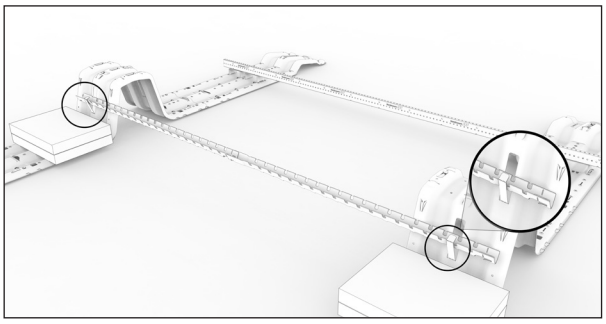
18. At the outer edges of panel groups, maximize weight on the outer Wings without letting the ballast interfere with panel placement.



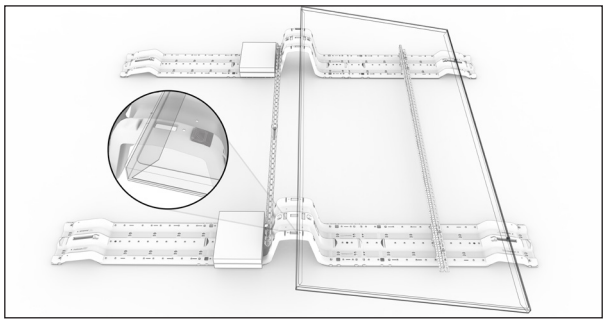
19. Apply the same principle near roof obstacles, placing ballast primarily on the Wings closest to the obstacle.



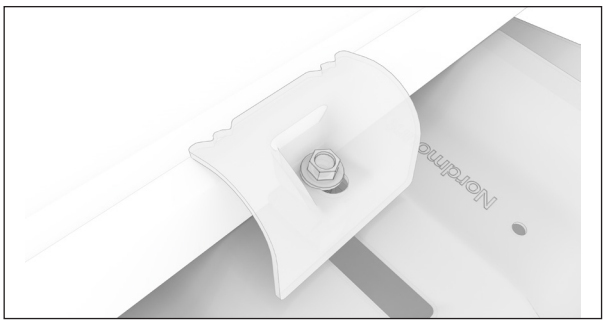
20. Fold down the steel tabs on the Towers and place the cable tray on top.



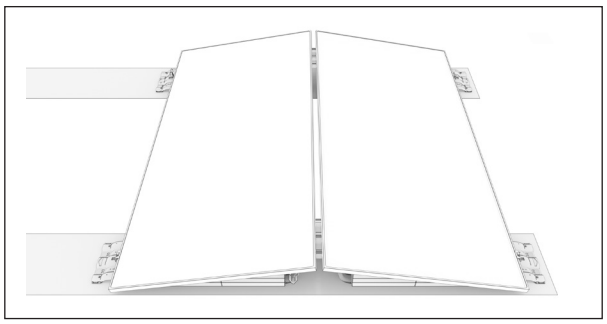
21. Lock the cable tray by folding the tabs back. Connect trays between panel sections.



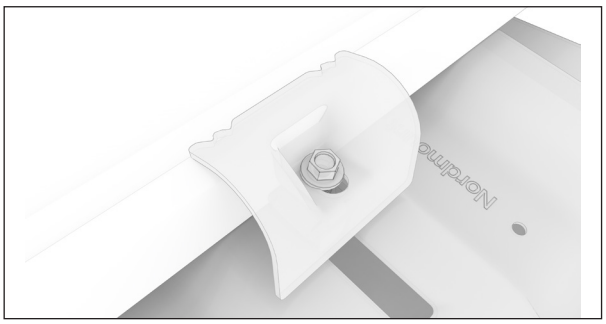
22. Place one solar panel on one side of the section, using the Tower's integrated panel support.



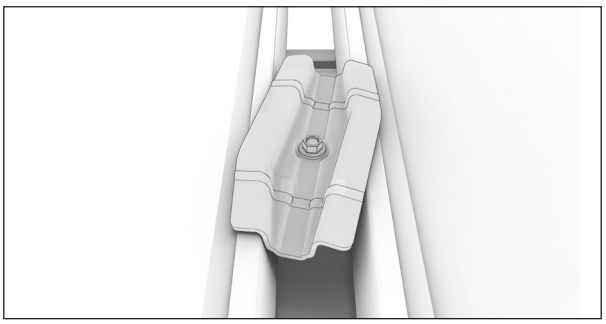
23. Secure the panel with one end clamp in each Wing, tightening to 10 - 12 Nm.



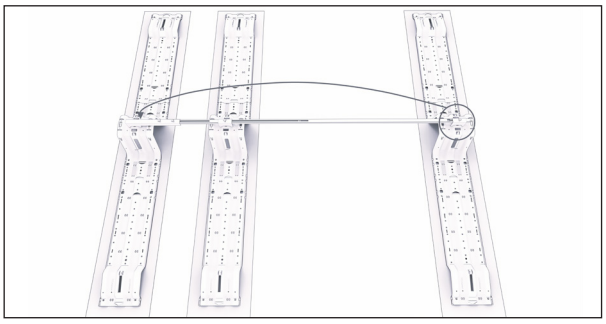
24. Place a second solar panel on the opposite side of the section.



25. Secure it with end clamps, tightening to 10 -12 Nm.



26. Attach mid clamps to the Towers and rotate them clockwise if the panel frames allow; otherwise, position them vertically. Tighten to 10 - 12 Nm.



27. Use the Tower in row three as the starting point for the spacing tool. Return to step 8 and repeat.