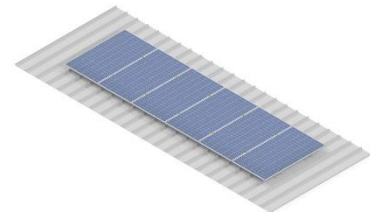




ZIP-TEK INSTALLATION GUIDELINE



The Following document provides a brief overview on the installation of the six-panel kit of the Zip-Tek roof sheeting.

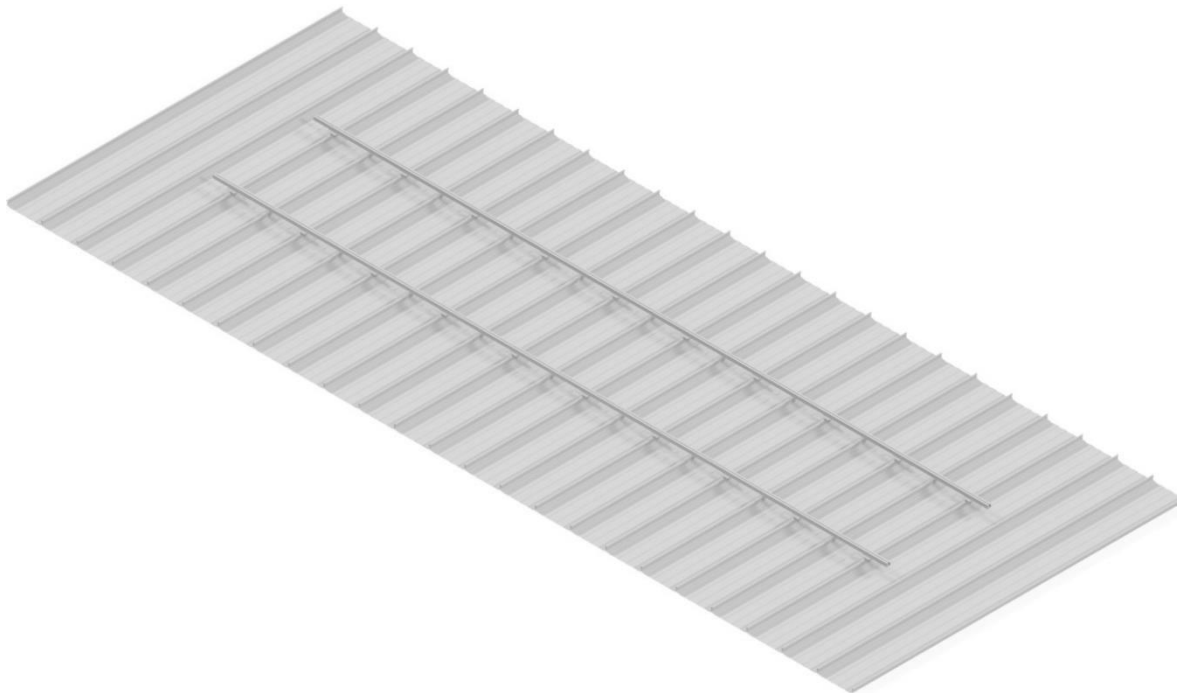


Figure 1: Overview of Mounting Structure Installation



Figure 2: Side view of Mounting Structure Installation

NOTE:

**NO PART OF PANEL ON ROOF OVERHANG AREA.
ALL BOLTS AND NUTS IS TO BE TORQUED TO 15 Nm.**

Installation Steps

Step 1:

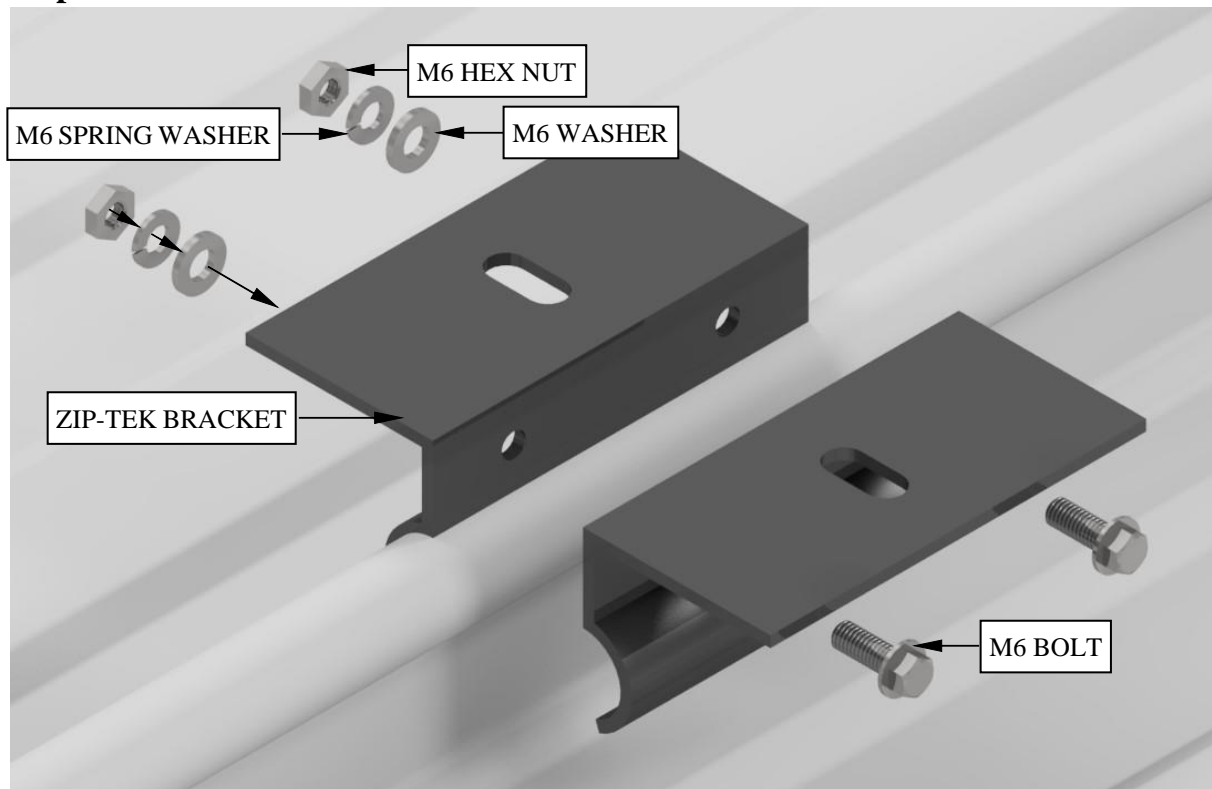


Figure 3: Zip-Tek Assembly.

Place the Zip-Tek bracket at an optimal position on the roof sheet and fasten it.
Torque the bolts to 15 Nm.

Step 2:

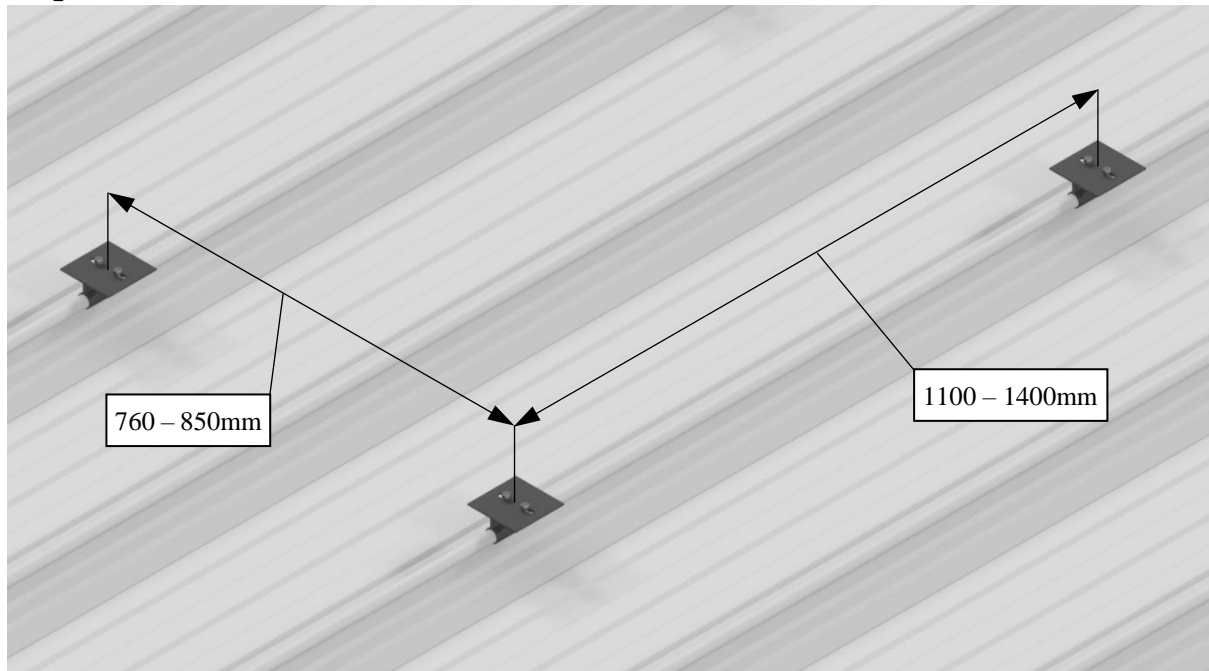


Figure 4: Zip-Tek Bracket Spacing.

Space the Zip-Tek bracket 1100 – 1400mm Long and 760 - 850mm across. If other configuration is required contact Valsa.

Step 3:

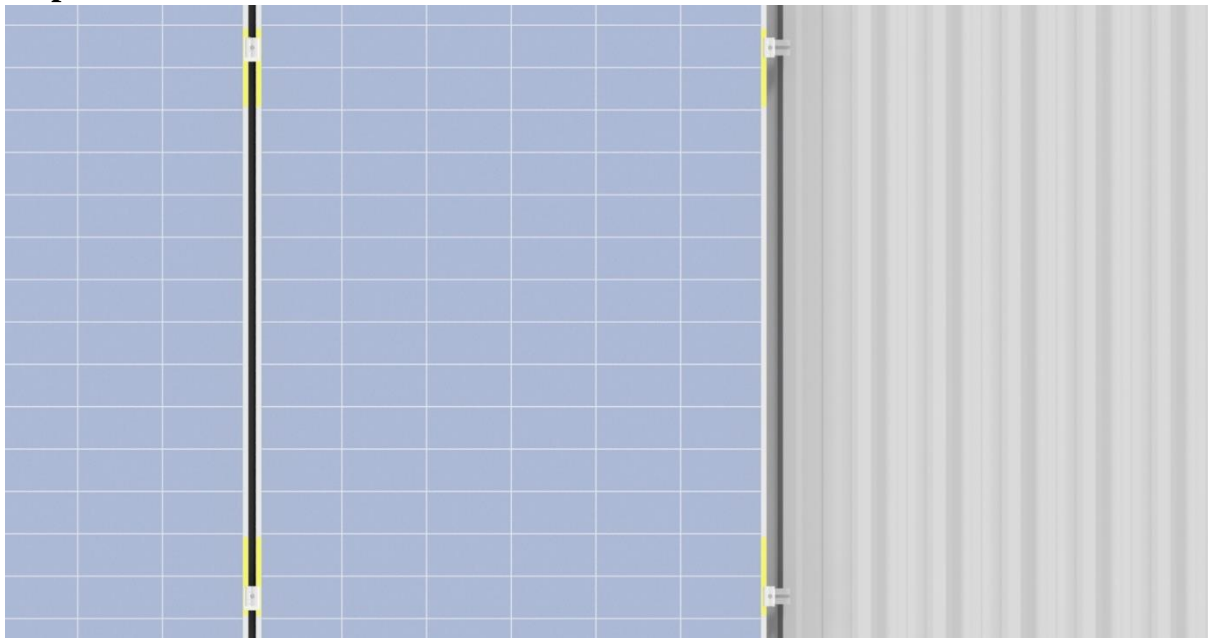


Figure 7: Clamping Position.

Before rails are installed ensure that the clamps are within the clamping zones of the panel (consult the panel installation guide for more information). Position the End Clamps, Mid Clamps, and Solar Panels (yellow indicates clamping zones). Torque all bolts to 15 Nm to ensure a proper connection.

Step 4:

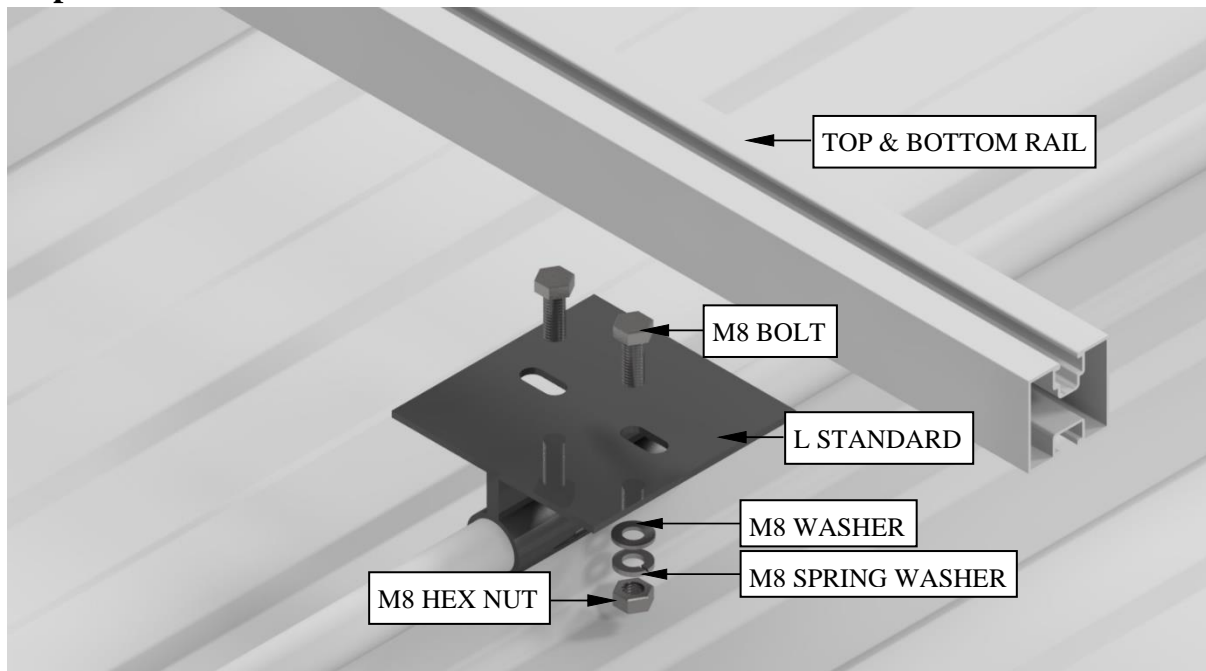


Figure 5: Top & Bottom Rail Installation Method.

Tighten the bolt to 15 Nm torque.

Step 5:

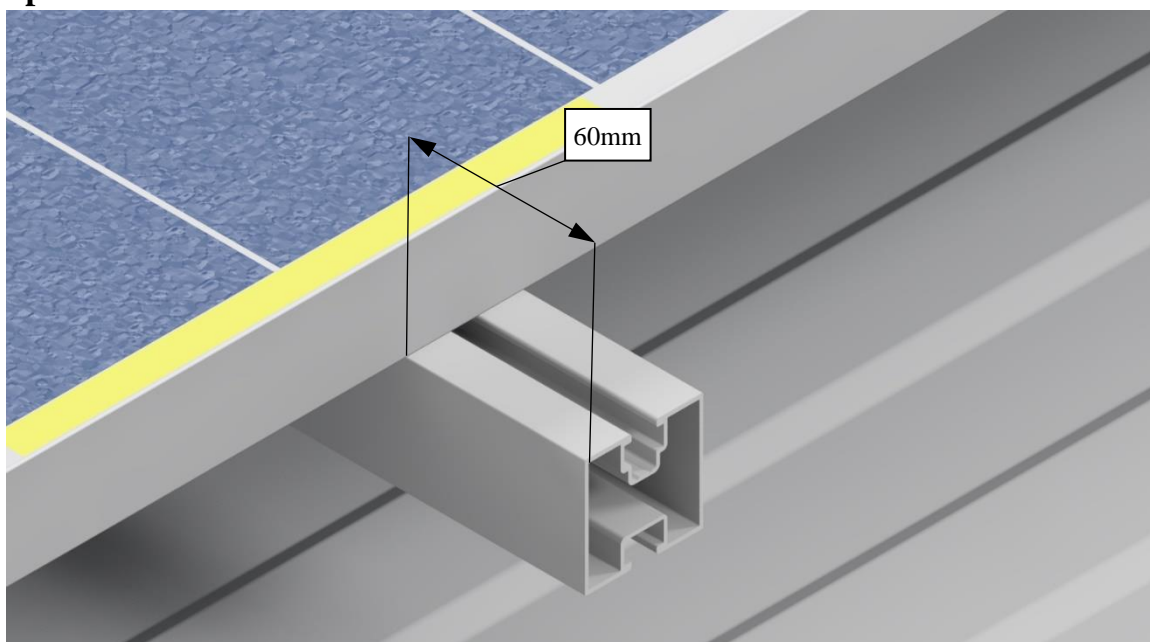


Figure 6: Solar Panel Positioning.

Ensure to that there is 60mm space to form the edge of the rail and the edge of the solar panel for the End Clamp to be fitted.

Step 6:

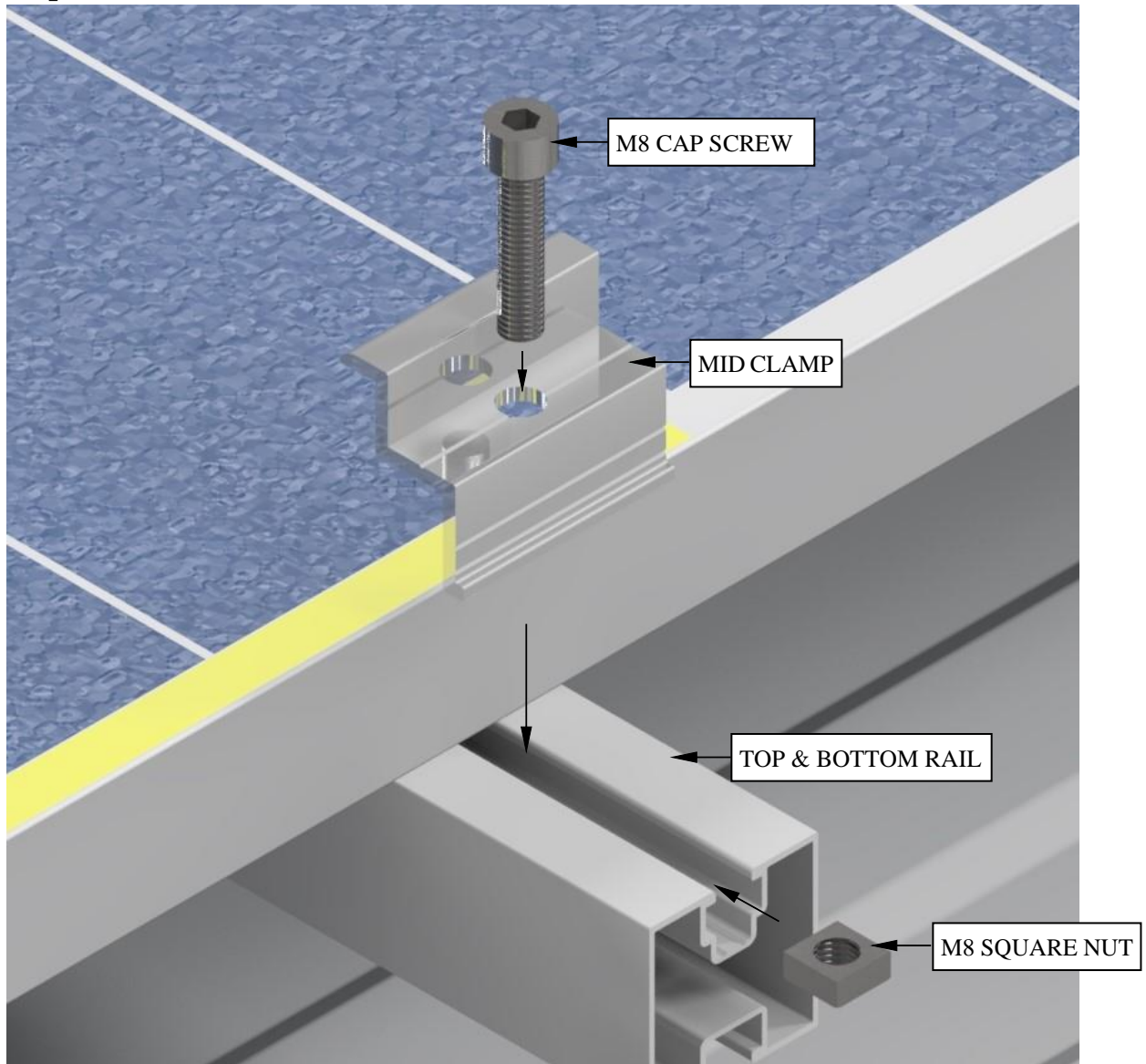


Figure 8: End Clamp Assembly.

Tighten the M8 bolt to 15 Nm.

Step 7:

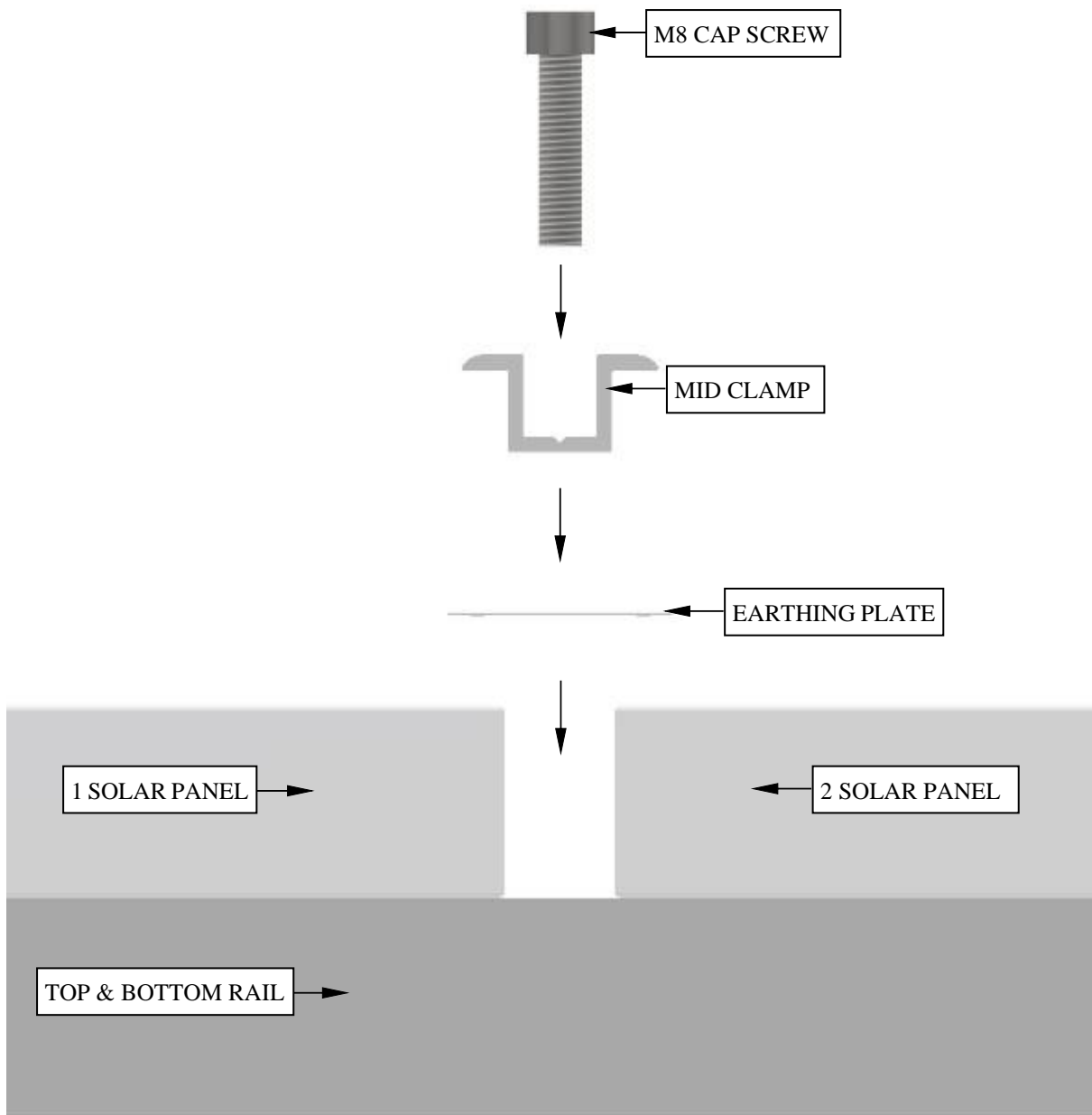


Figure 9: Mid Clamp Assembly and Positioning

Torque the End Clamp bolt to 15 Nm.

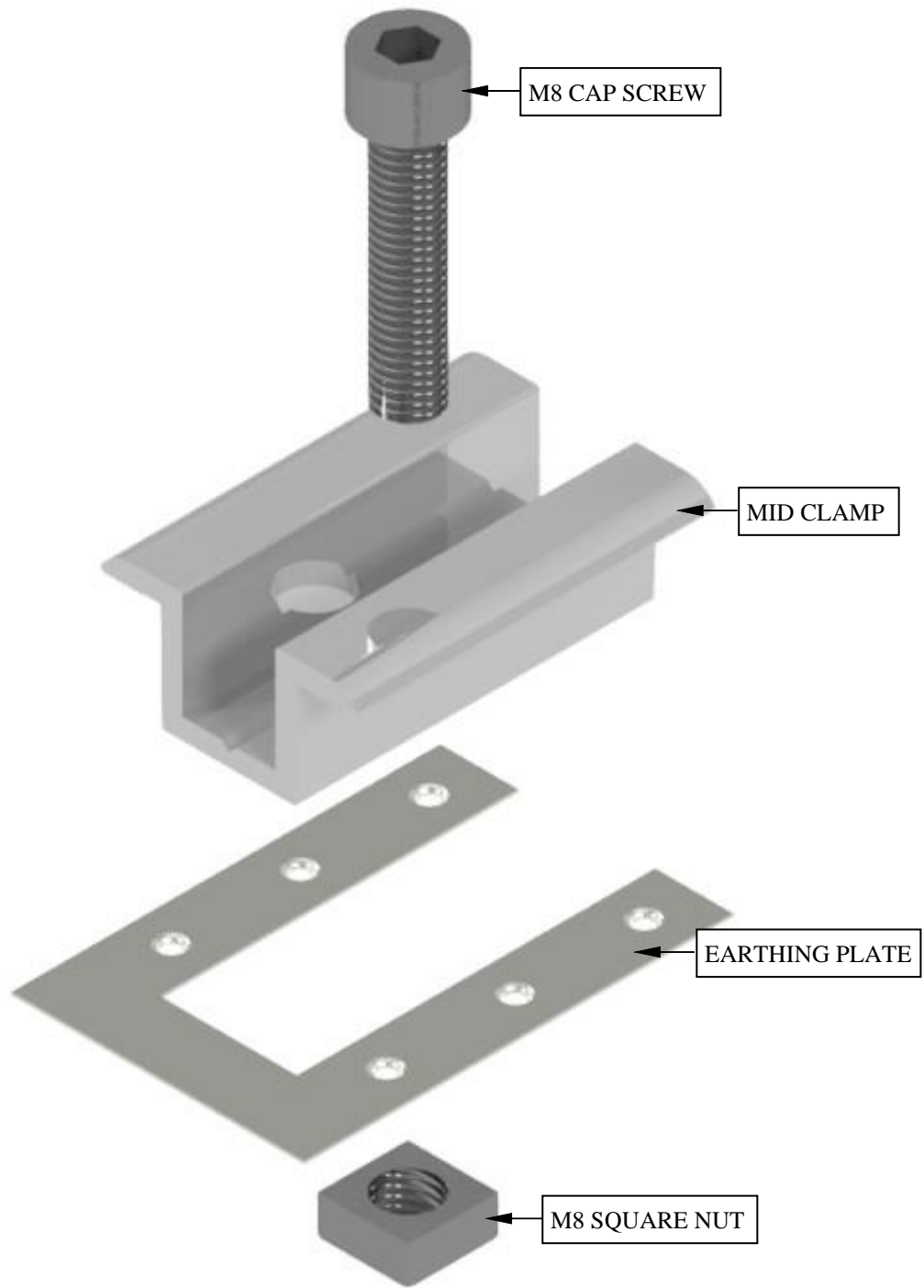


Figure 10: Mid Clamp Assembly.

GENERAL NOTES

Alternative Fixing Method

Method of Joining Top & Side Rail Together

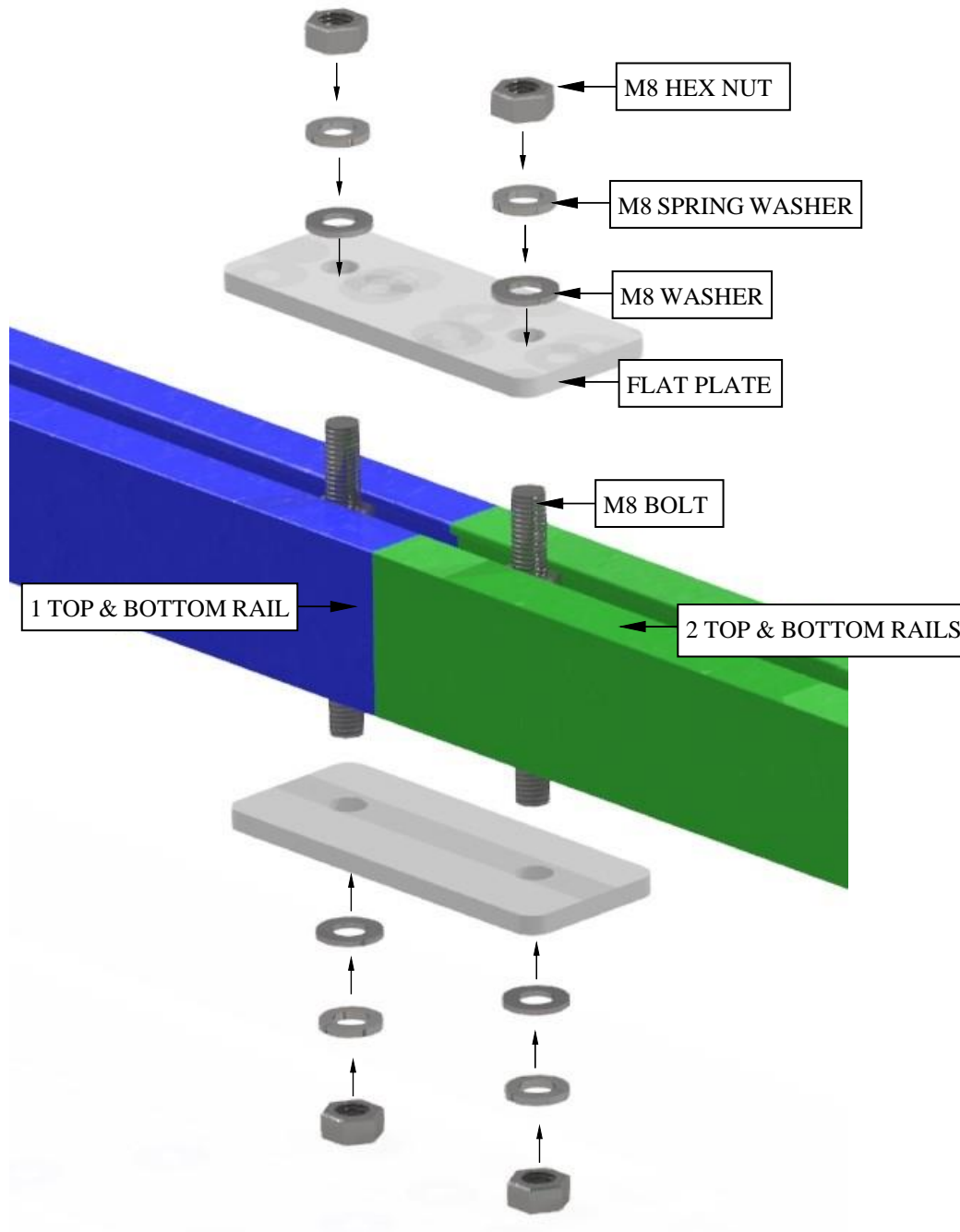


Figure 11: Flat Plate to Top & Bottom Rail Fixing

- To connect two Top & Bottom rails, tighten a flat plate at 15 Nm torque in the configuration as seen in Figure 14. Ensure that the two rails are correctly aligned before tightening the nuts.