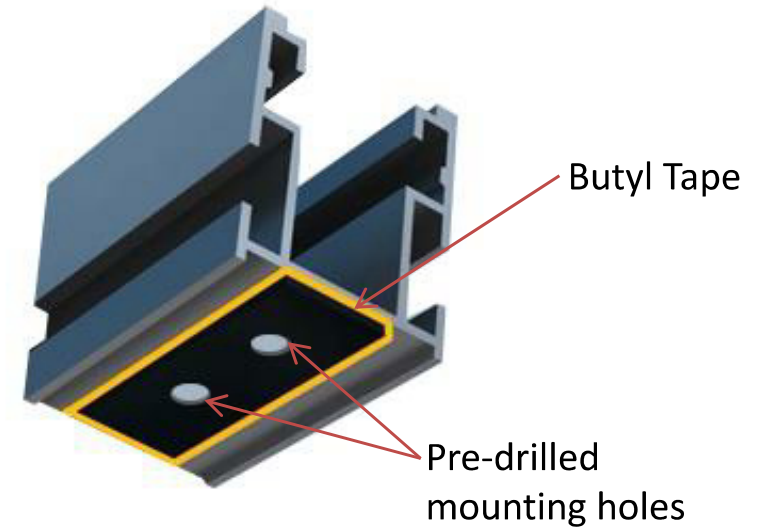


# Connection Type (AG Bracket) and Installation

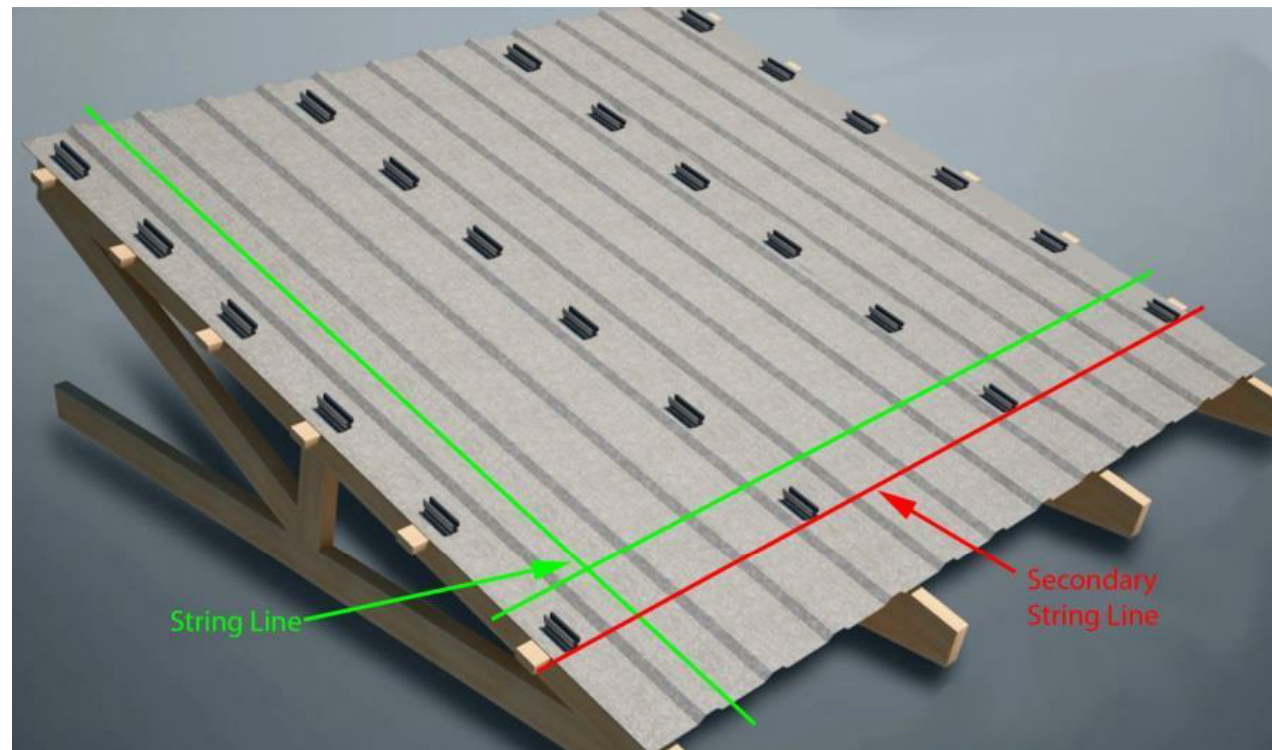
## Roof Connection Type (AG BRACKET)

- AG Brackets come with pre-applied Butyl Tape for creating a weather seal between the bracket and the Roof Deck.
- A protective film is applied to the underside of the tape. This must be removed before placing the bracket onto the roof deck.
- 2 pre-drilled holes through the base of the bracket allow for Deck Screws to be fastened through the bracket, and into the roof.



## AG BRACKET Installation

- Typically AG Brackets should be positioned directly over the Purlin or Strapping (refer to Drawing MI-001 or R-001).
- Often the Racking and Modules will not be plotted directly over the Purlin or Strapping locations, therefore the installer must choose the next closest location.
- It is recommended to use a secondary string line to assure AG Brackets are straight across the roof.



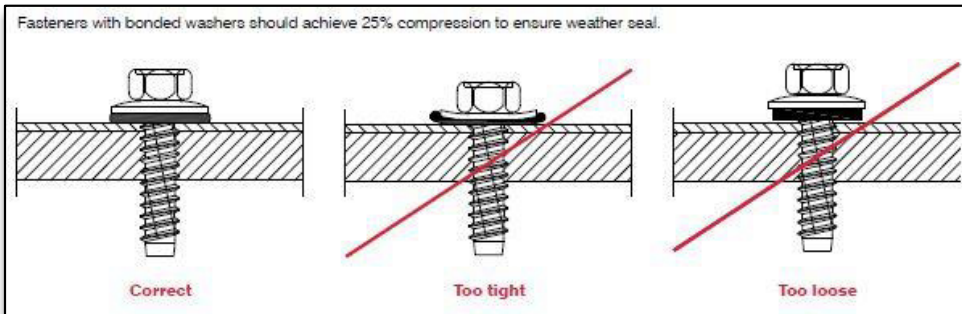
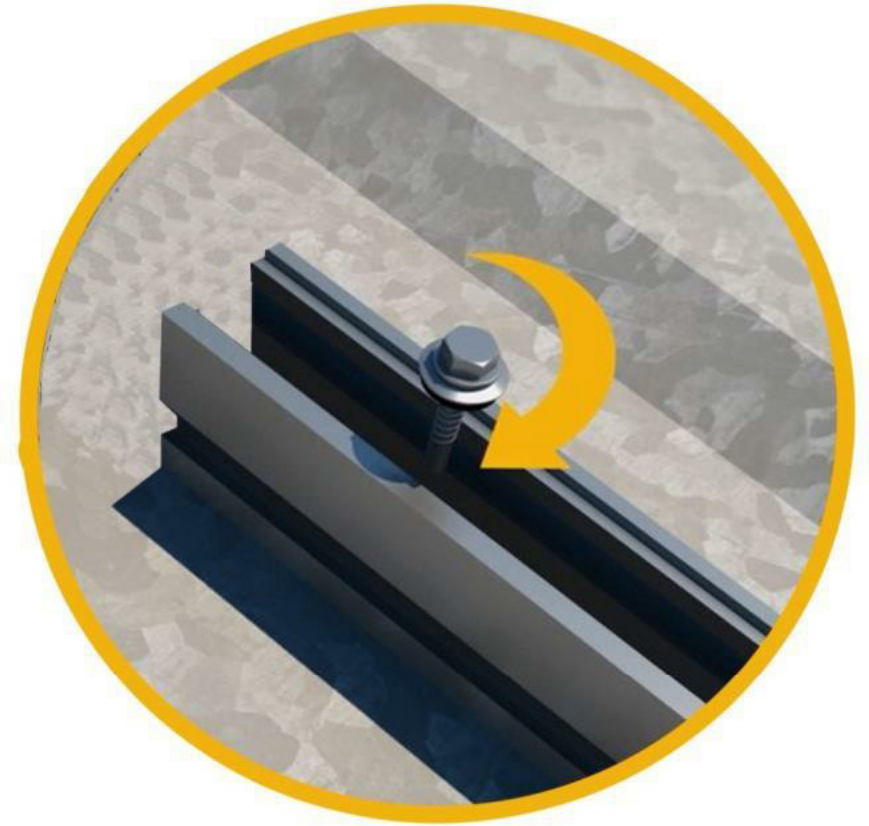
# AG Bracket Installation (continued)

## Fastening the AG Bracket

- Once the AG bracket has been placed down on the roof deck, the Butyl Tape will hold the bracket in place.

**Note:** the bracket is very difficult to remove once the Butyl has made contact with the roof deck. Be sure the bracket is correctly positioned before applying to the roof.

- Use the supplied Deck Screws to fasten the bracket to the roof. Always use the 2 pre-drilled holes to ensure that both screws are centered providing a firm weather seal.



- 25% compression of the Deck Screw is required to ensure a weather seal.

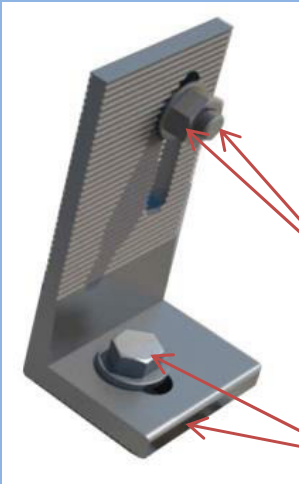
- 2 screws are required for each AG Bracket.

**IMPORTANT: Make sure roof surface is clean and free of dirt/debris before attaching roof channel. Wipe down if necessary.**

# L-Foot Installation (17-23Nm, 13-17ft-lb)

## L-Foot Kitted

- L-Feet are pre kitted with bottom Slide Nut with Bolt, and top T-bolt with Nut.



T-Bolt with Nut

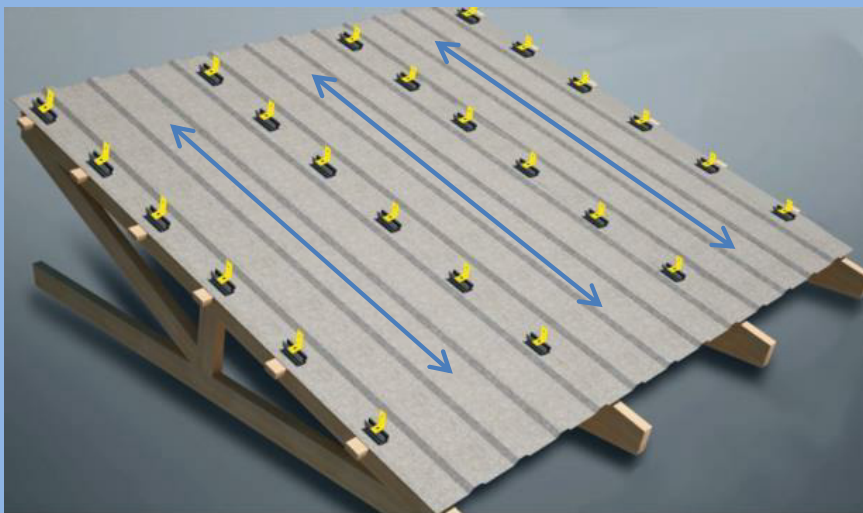
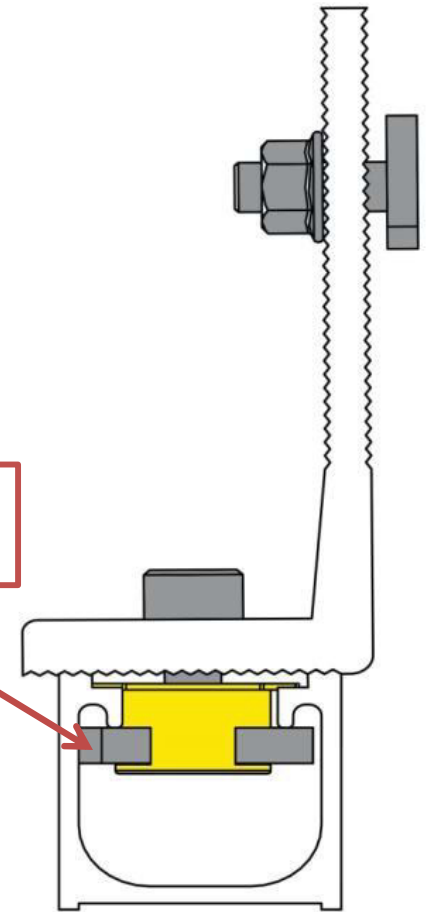
Bolt with Slide nut  
(under L-Foot)

## L-Foot inserted into AG Bracket

- Place the kitted L-Foot on top of the AG Bracket, allowing the Slide Nut to be seated in the channel. Rotate the Bolt to ensure the slide nut is position perpendicular to the AG Bracket.



Slide Nut correct  
positions

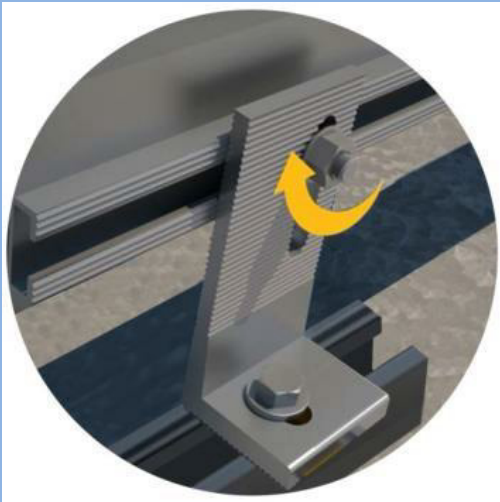


- Rotate L-Foot to allow for mounting the Base Rail in the correct direction as shown on the installation drawing.

# L-Foot & Base Rail Installation (17-23Nm, 13-17ft-lb)

## L-Foot to Base Rail

- Attach the Rail to the L-Feet using the T-Bolt and Nut Kitted on the L-Foot.

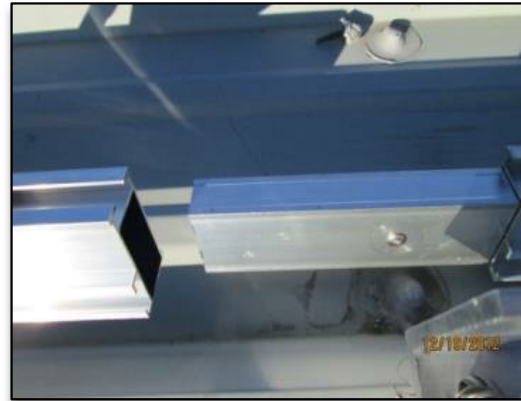


- You can adjust the height of the rail by using the channel at the top of the L-Foot.



## Base Rail Splice Bars

- Splice Bars must be inserted into the cavity of the Base Rail before you can complete the installation to the L-Foot.
- Make sure Splice Bar locations do not land directly over an L-Foot. Splice Bars should be roughly 1/3 distance between L-Foot locations.



- Ensure the Rails are **level** at both ends.
- Also, ensure the **front and rear of each Base Rail start and end at the same point**. Using a String line will achieve level and square Base Rails.

