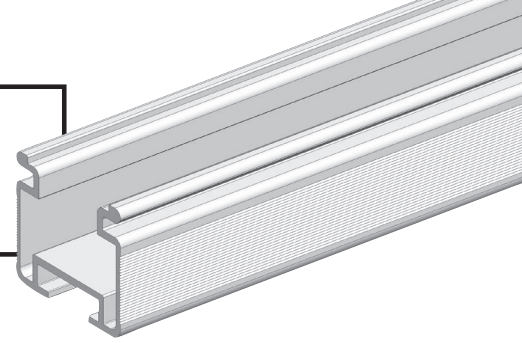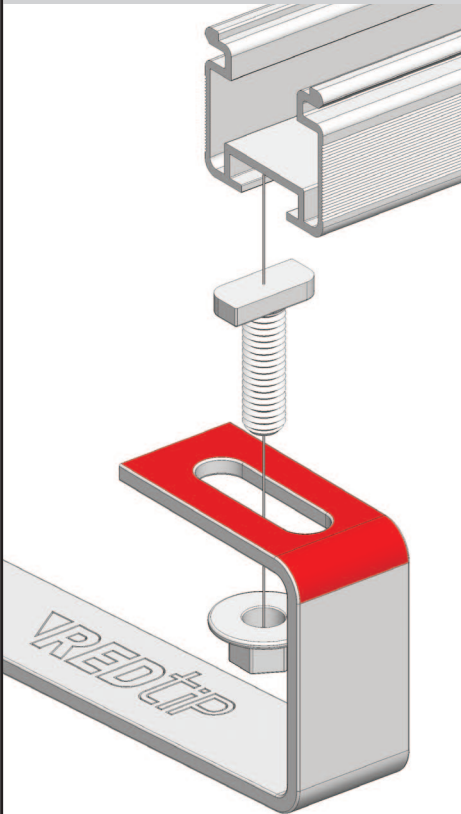# ◥Installation Guide

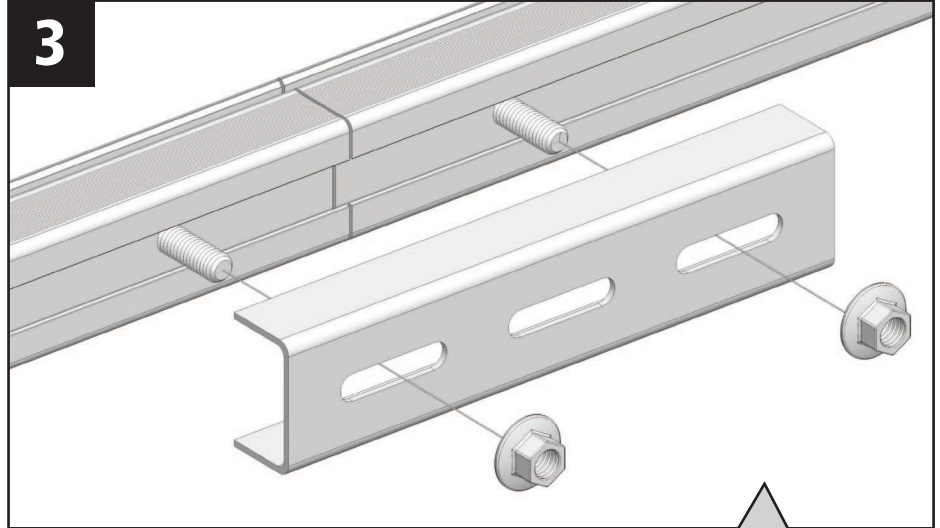# REDtip ExpressRail™ Mounting Frame

1 Thread 'T' bolt through the slot in the hook and into the base of the rail. Then turn 90º to lock in the channel and tighten flange nut from below.
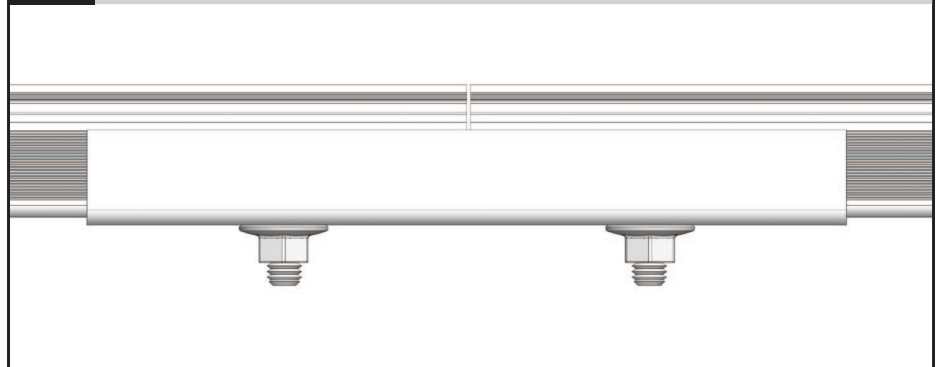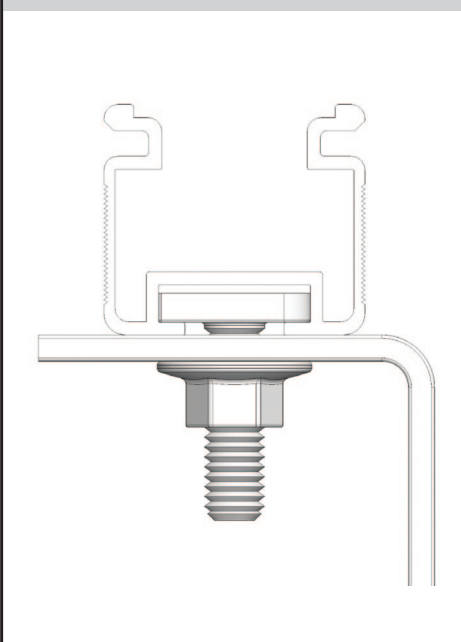
3

4 Join rails using rail connector M108 and two 'T' bolts. Tighten flange nuts to secure firmly (Nominal 4Nm).
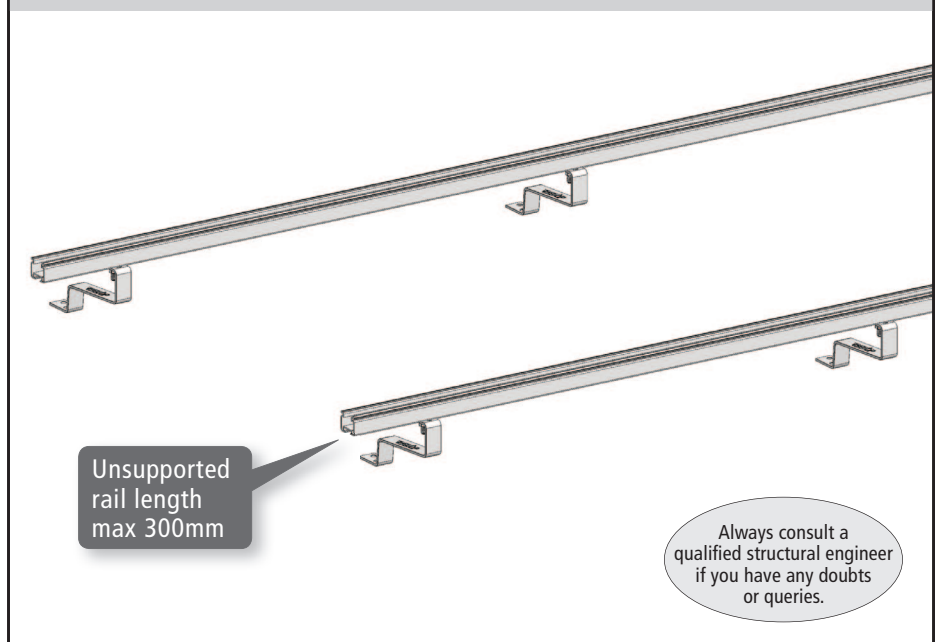
2 Hand tighten the flange nut to firmly secure the rail to the hook (Nominal 8Nm).

5 Maximum rail spans between roof hooks will vary according to the structural and wind loadings. Max 1600mm. Consult a qualified structural engineer if you are in any doubt.
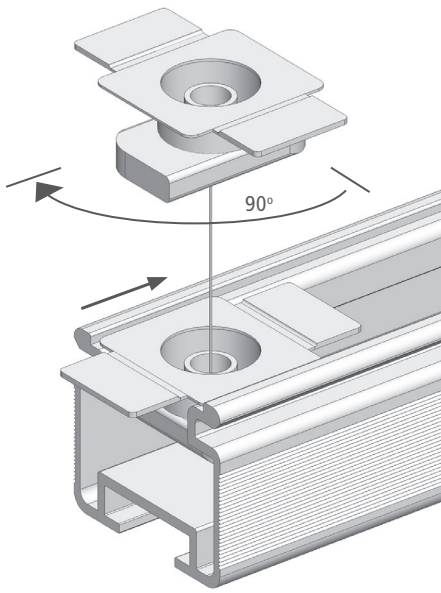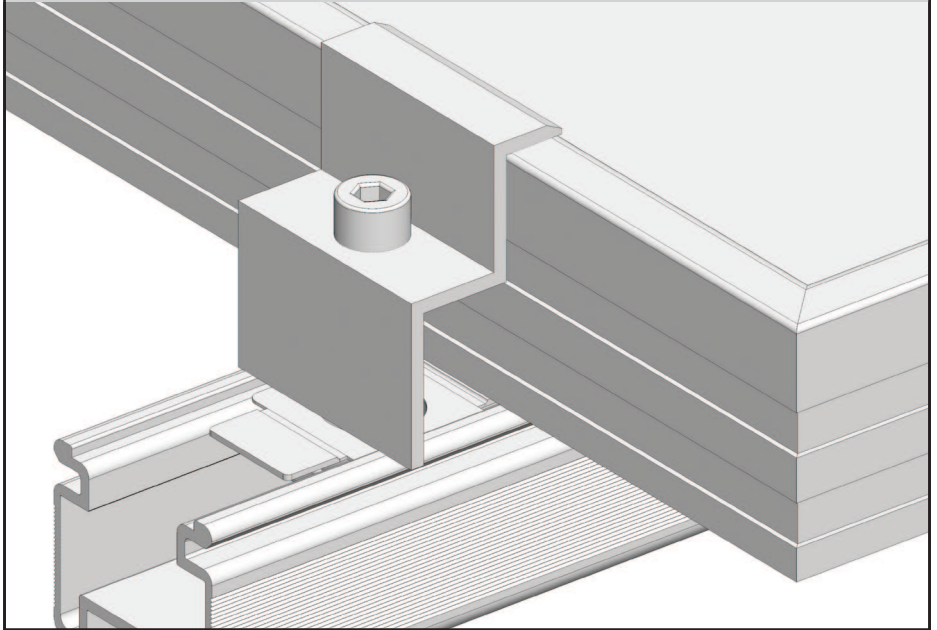
Unsupported rail length max 300mm

Always consult a qualified structural engineer if you have any doubts or queries.
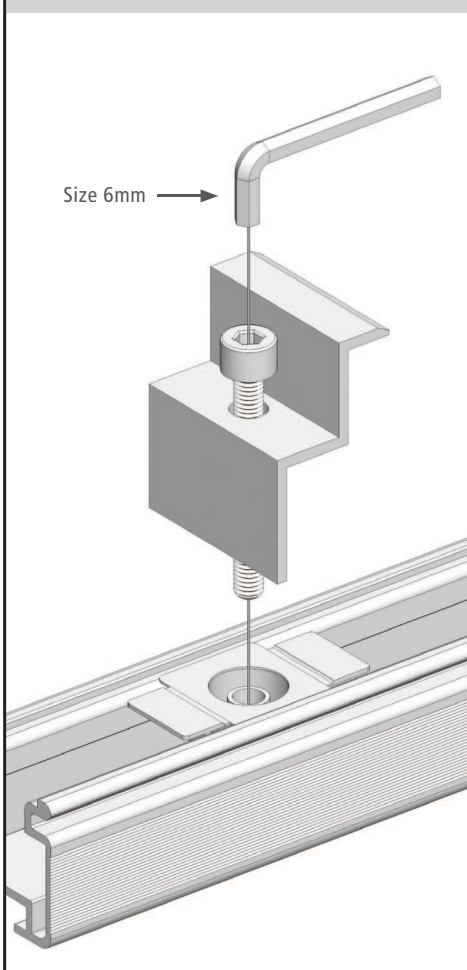
6 Insert and turn channel nut through 90° to lock in the channel, then slide channel nut into the precise position required.

90°

8 Hand tighten the bolt with an 6mm Allen key to firmly secure the module in place (Nominal 8Nm).
Ensure that the clamp fits over the module and the channel nut remains locked in position during tightening.

7 Insert the M8 bolt through the end clamp and into the channel nut.

Size 6mm

9 Repeat instruction 6-8 for fixing mid clamp.