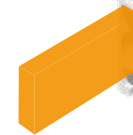
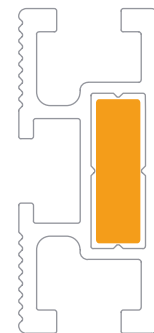
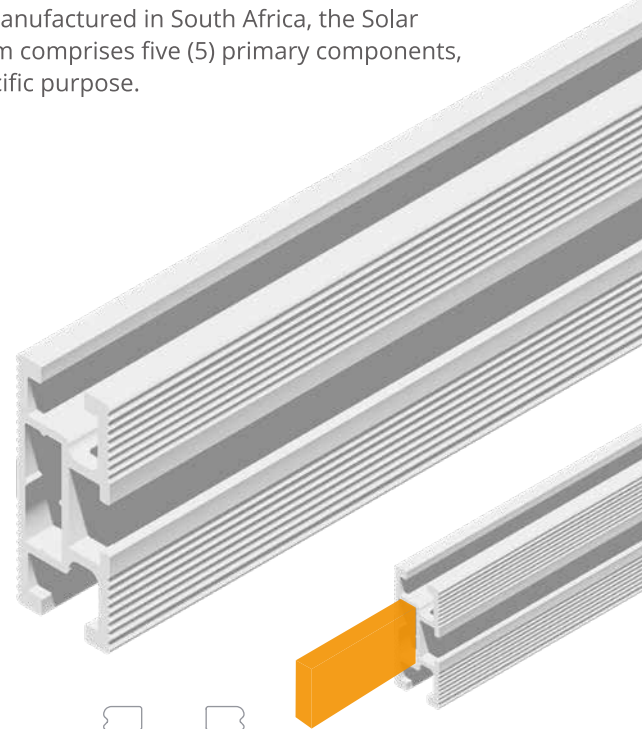




The Astro Aluminium Solar Mounting System is an easy-to-use, lightweight, versatile and durable component system for efficient installation of solar panels in a wide range of environments from residential roofs to commercial spaces.

Designed and manufactured in South Africa, the Solar Mounting System comprises five (5) primary components, each with a specific purpose.



**Joiner**  
Rectangular Bar

## C1. Mounting Rail

The Aluminium Mounting Rail (C1) is the primary component which the other components can easily be mounted to. The Mounting Rail has been designed to provide a lightweight, rigid framework for the installation of solar panels in a range of configurations in both portrait and landscape orientation. The Mounting Rail is available in 5,9m lengths (mill finish).

The Mounting Rail and other components are connected using M8 bolts to simplify solar installations on site. A rectangular bar is used to connect and extend lengths of Mounting Rail and tek screws are used to secure the lengths of Mounting Rail in place.

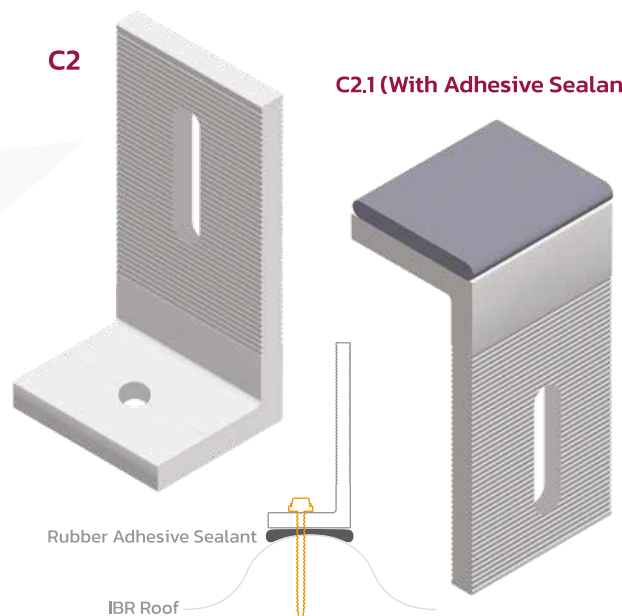
## C2. Mounting L-Bracket

The Aluminium Mounting L-Bracket (C2 & C2.1) is a versatile component in the system and can be used to connect two or more Mounting Rails (C1) to one another or it can be mounted directly to a surface. Available in mill finish.

A multi-purpose rubber adhesive sealant tape is used when securing the Mounting L-Bracket (C2.1) to a surface ensuring a long lasting and secure installation point. The tape is well suited as an adhesive sealant on concrete, corrugated and IBR metal roofs and has a life expectancy of more than twenty five (25) years.

**C2**

**C2.1 (With Adhesive Sealant)**



Angled  
Connection (C2)

Surface  
Connection (C2.1)

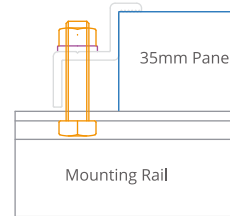
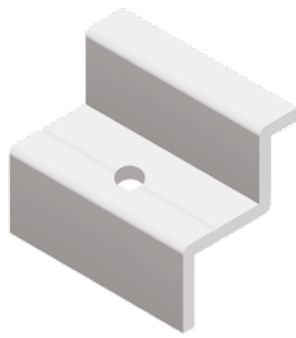
Rubber Adhesive Sealant

IBR Roof



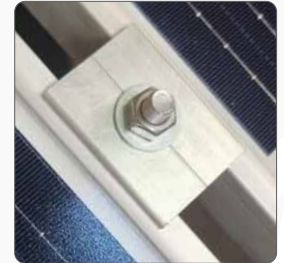
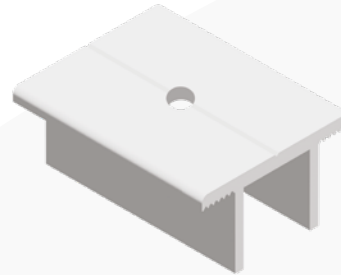
### C3. End Clamp

The Aluminium End Clamp (C3) is used to secure a solar panel to a Mounting Rail (C1). Each End Clamp is 50mm in length and available in mill finish.



### C4. Mid Clamp

The Aluminium Mid Clamp (C4) is used to secure two solar panels that are next to each other, to a Mounting Rail (C1). Each Mid Clamp is 50mm in length and available in mill finish.

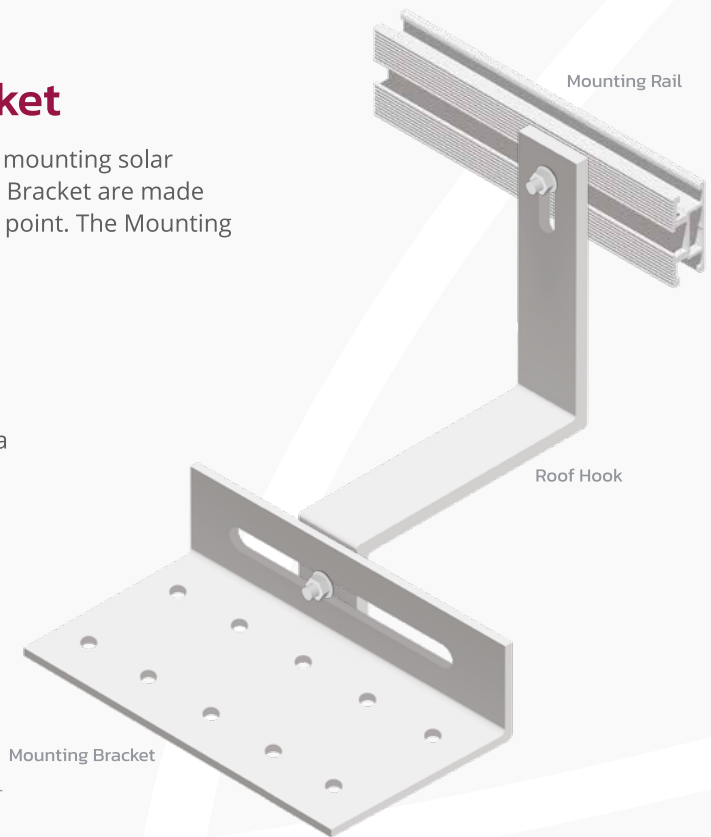
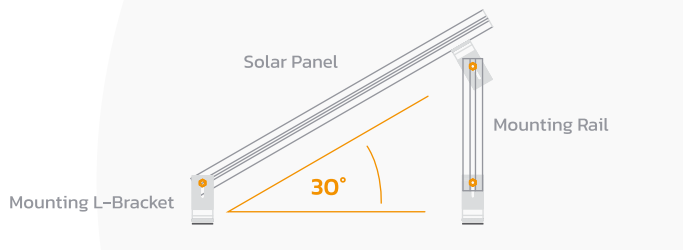


### C5. Roof Hook & Mounting Bracket

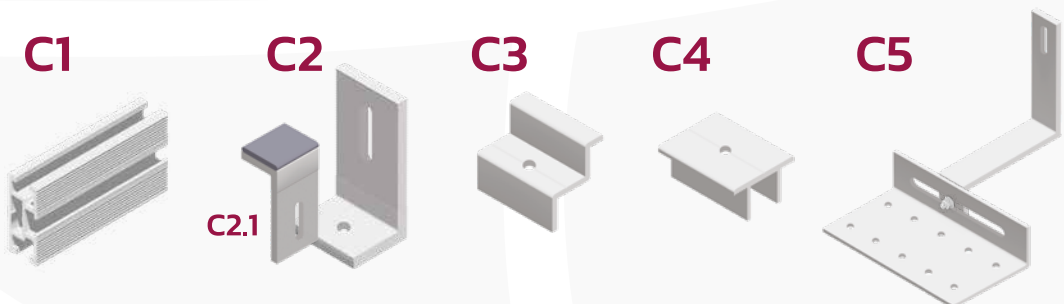
The Roof Hook and Mounting Bracket (C5) is ideally suited to mounting solar panels on tiled roof structures. The Roof Hook and Mounting Bracket are made from galvanised steel providing a robust and durable anchor point. The Mounting Rail (C1) is then attached to the Roof Hook.

#### Flat Roof Mounting

The Mounting Rail (C1) can also be cut to be assembled into a roof stand for mounting solar panels on flat concrete roofs.



### Complete Mounting System



For more information visit us online or contact us.

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www.astrogroup.co.za

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