



Big Foot Solar Leg Frame

Solar panels

Typical Application

Big Foot Solar Leg Frame provides a quick to install solution using 600mm x 600mm x 50mm, 40kg paving slabs as ballast (not included). Utilising the Big Foot Feet, this modular system is very versatile with its installation options.

Available in various sizes, angles and height, the slab frameworks can be adapted to suit almost any installation for as many panels as required.

Standard 10°, 20° and 30° panel systems are available from stock. Custom layouts to order.

The hot dipped galvanised steel framework ensure maximum corrosion resistance for all year weather protection.

Kit Includes

- Big Foot Adjustable Legs and Feet
- Hot dip galvanised base frame
- A-Frames and fixings
- Solar panel clips

AV mats

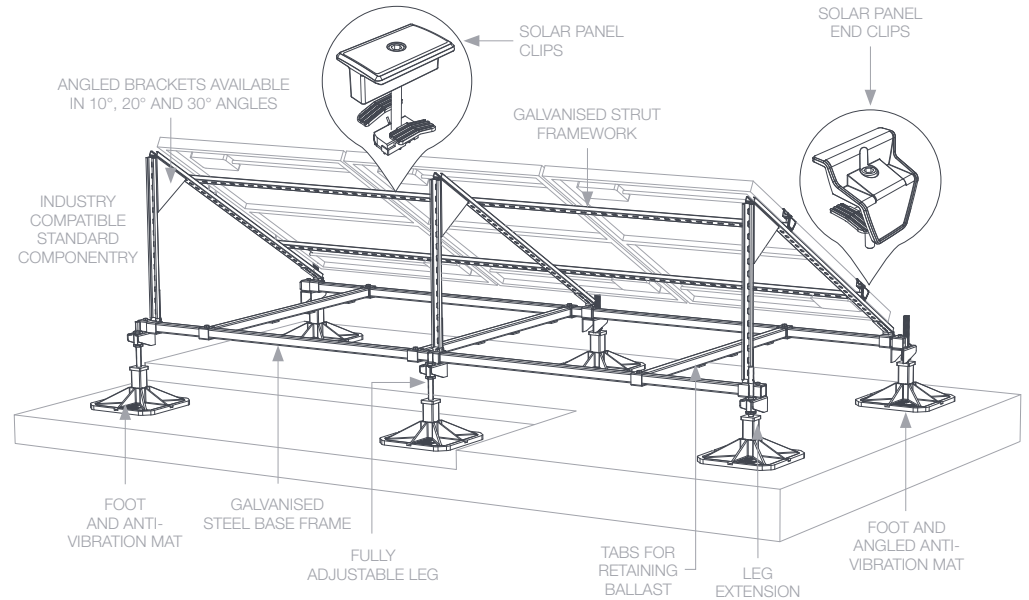
Mats designed to absorb small impediments on roof surface. Optional angled AV mats cater for roof fall.

Wind Analysis

Big Foot Systems are currently using Computational Fluid Dynamics (CFD) software to calculate site specific wind load conditions.

Using the industry-leading ANSYS wind profiling program, analysis is run based on the solar panel size, quantity, pitch and mass of the panel then calculated to determine the ballast requirement for the solar support system.

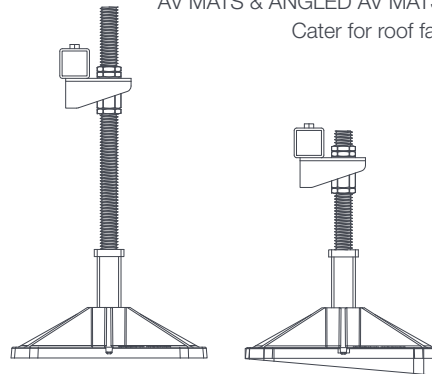
Big Foot Systems CFD modelling is based on customer supplied information and available to customers dependent upon scheme size.



Leg Assemblies

BIG FOOT ADJUSTABLE LEGS
Ensure level solar array

AV MATS & ANGLED AV MATS
Cater for roof fall



Material Specification

PLASTIC FOOT
Nylon 6 B601L 30% Glass Fibre Filled

ANTI-VIBRATION MAT
SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

METAL FRAMEWORK
Hot Dip Galvanised Mild Steel: BS EN 10219-1:1997. Welding Standard: BS EN ISO 15614-1
Galvanising: BS EN ISO 1461:1999
Salt Mist Testing: BSEN60068-2-52
Test Kb Severity 1

WORKING CONDITIONS
Suitable for internal or external applications in temperatures between -40°C to +80°C
BSEN60068-2-14

SOLAR PANEL CLIPS
15% Glass filled Polypropolene
UV Stabilised – Colour black