

Product Data Sheet

BIOSOLAR PHOTOVOLTAIC (PV) SUPPORT PROFILE

1. Description

Load-supported solar mounting system for roof penetration-free mounting of Axter Biosolar modules or Biosolar module series. Consisting of Base Plate, Mounting Frame and 25mm Drainage & Storage Board and FIL Filter Fleece 150. Supplied with associated Easy Mounting Rails, Module Clamps, RailConnector Kit and Wind Bracing.

2. Use

An integrated solution for mounting Solar PV modules on an Axter green or blue roof where the substrate and planting provide the ballast required to secure the array from wind load. Suitable for orientation of the PV modules in a south and east-west alignment.



Characteristics	
Material	Aluminium (Base Plate and Mounting Frame) Recycled HDPE Drainage Board
Length/Width/Height	2000 x 1000 x 714 mm
Dimensions	Drainage Mat: 2000(L) x 1000(W) x 25mm (H) Mounting Frame: 1390 (L) x 260 (B) x 717mm (H)
Capacity	5 l/m ² (approx.)
Weight	Approx. 4.2kg (Base Plate and Mounting Frame)
Water reservoir	5 l/m ² (unfilled)
Application	Up to 5° pitch and available in inclines of 10°, 15° & 20°

4. Technical data

Plastic base plate is used to secure and position the solar panels upon the roof system. Can be used in biosolar roofs where the substrate is laid on the plastic base to secure the support profile. This method avoids causing damage to the waterproof membrane. Please see Axter Biosolar PV Mounting System Installation Guide for detailed install instructions along with health & safety and transport guidance.

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