


SOPREMA UK®

BIO SOLAR FRAME

TECHNICAL DATA

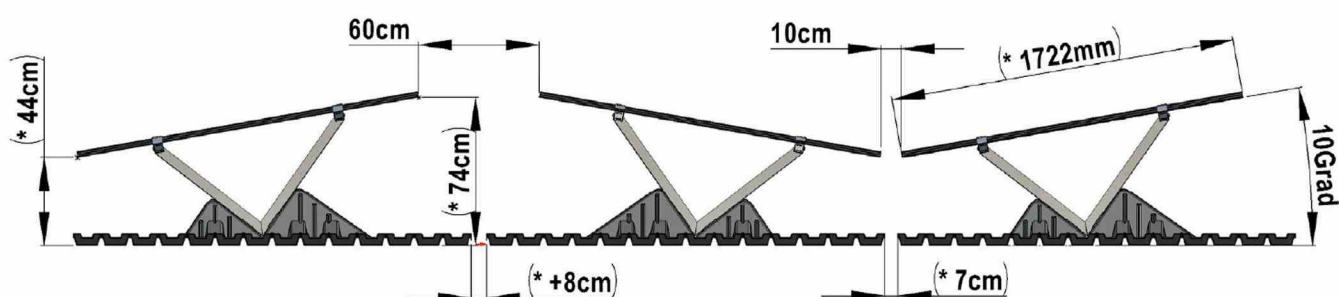
Bio Solar Frame base plate	1980 mm x 980 mm x 60 mm
Weight per unit	12 kg, weight without ballast, without PV module
Material	Recycled HDPE, magnelis, aluminium, stainless steel and galvanized steel
Water storage volume	39.5 liters, unfilled
Filling volume base plate	70 liters (substrate backfilled flush)
Compressive strength	Compressive strength unfilled: > 25 kN/m ² Compressive strength backfilled (flush backfilled): > 70 kN/m ²
Water drainage capacity	i = 0.01 (= 1 % gradient) 0.4 l/(m*s) i = 0.02 (= 2 % gradient) 0.6 l/(m*s) i = 0.05 (= 5 % gradient) 1.0 l/(m*s)
Standard module inclination	10°, 15°, 20° standard (optional)
Roof connection	No structural roof connection necessary
Ballasting	Surcharge load and distance base plate must be compulsorily calculated by SOPREMA UK according to the wind zone plan.
Roof pitch	Inclination up to 5° approved. From 5° : Release only with technical clarification by Green Roofers Ltd
Unit consists of	1 x SOPREMA UK Bio Solar Frame base plate 1 x Knickfix 2.0 m to 3.4 m profile rail Small material (screws, profile connectors, clamps)
Warranty	10 year system warranty on substructure ex works, valid from date of delivery.

THE BASE PLATE

Panel dimensions :	1980 x 980 x 60 mm
Water storage volume :	39.5 litres unfilled

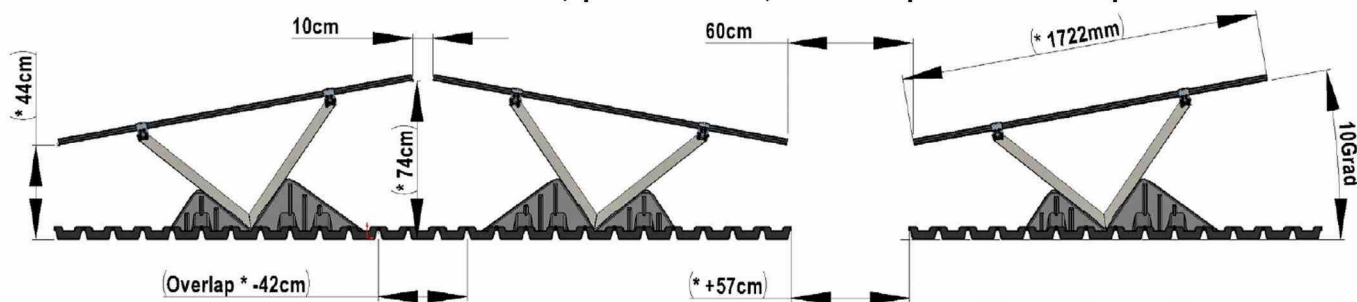


SOPREMA UK Bio Solar Frame, portrait 10°, butterfly shape

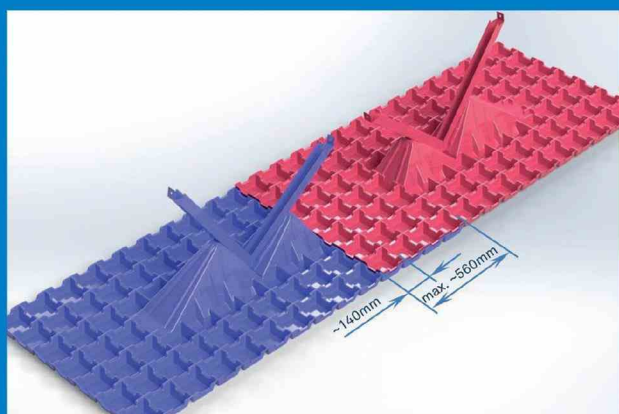


*Mass depends on module

SOPREMA UK Bio Solar Frame, portrait 10°, roof shape/saddle shape



*Mass depends on module



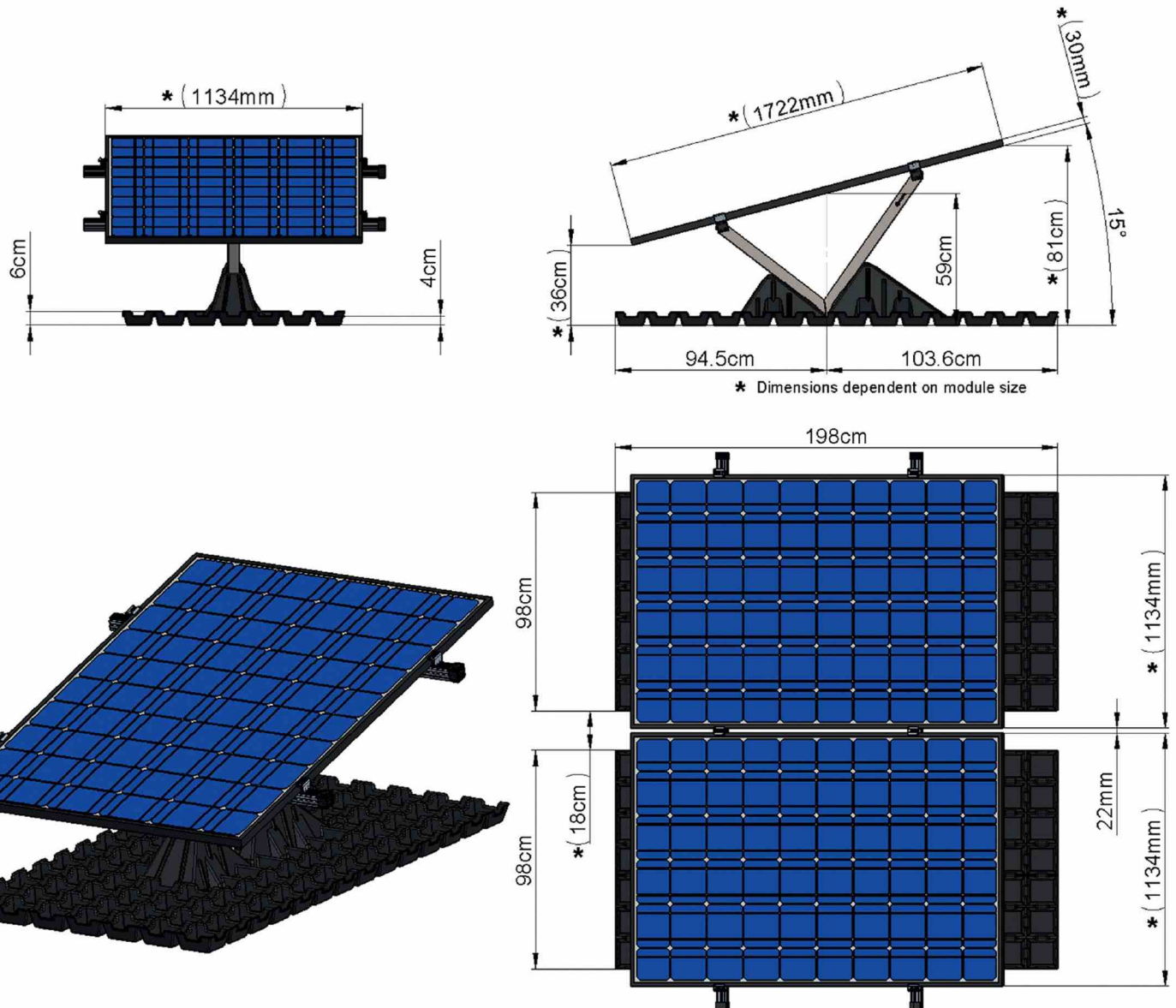
- Nesting SOPREMA UK Bio Solar Frame base plate
- Can be nested/overlapped lengthwise and crosswise up to the hump.
- Grid dimension/step dimension = 140 mm



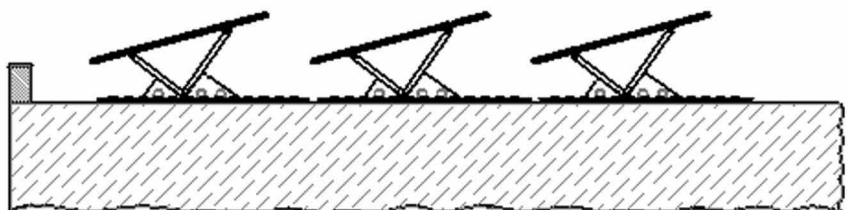


BIO SOLAR FRAME

Technical Data : Portrait South



South



SOPREMA UK

A: Freebournes Road, Witham, Essex CM8 3UN

T: 0330 058 0668

W: info@soprema.co.uk