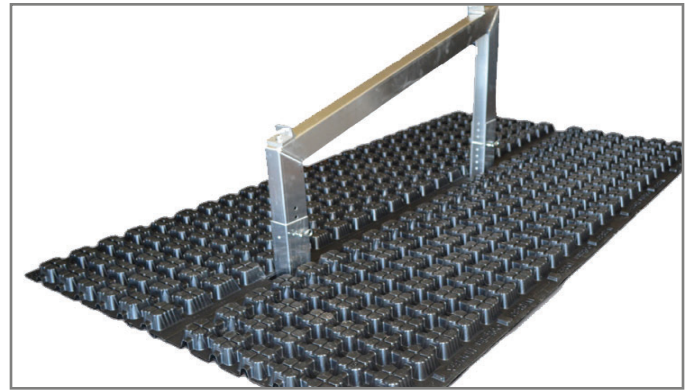


BLU-SOLAR INTEGRATED MOUNTING SYSTEM WITH RETENTION

Our Solar Integrated Mounting System consists of a drainage board, base plate, mounting frame, mounting rails, wind bracing, and clamps for securing solar modules angled at 10°, 15°, or 20° within vegetated roof systems without penetrating the waterproofing membrane. Specific to this product, it:

- is a lightweight, sub-surface **multifunctional drainage module** used with extensive greenroofs with sedum, herb, grass, and perennial vegetation
- has **90% internal void volume** that allows for a large water retention capacity
- **increases output** and prolongs the life of the photovoltaic system, when in conjunction with a vegetated roof system
- is available in inclines of **10°, 15°, or 20°**



Solar WRB Mounting Frame by

OPTIGRÜN[®]
ROOF GREENING



- Special order product



- Individual Unit
- Full Pallet
- Full Load



- According to size of order



LEED Credits available for:
• Materials & Resources (MR)

TECHNICAL DATA

Materials:

- Recycled HDPE (Board) & Aluminum (Frame)

Board Thickness:

- 3.15"

Board Dimensions (W x L):

- 3' 7 5/16" x 6' 5 21/64"

Board Area:

- 23.25 ft²

Mounting Frame Weight:

- 9.70 lbs.

Board Compressive Strength:

- 14.5 lbs. / in²

Water Holding Capacity:

- 2.84 in³ / in² (1.77 gal / ft²)

Drainage Performance (fully saturated):

- at 1% Slope = 46.5 in³ / ft / sec

Vegetated Roofing Use:

- Provides a non-penetrating solution for supporting PV modules and stormwater discharge delay

Installation Requirements:

- Set base plates on protective fleece and place drainage boards above
- Roll out filter fleece over drainage boards
- Fasten aluminum rails to mounting frame
- Cover boards with overburden immediately to protect from UV rays & wind uplift