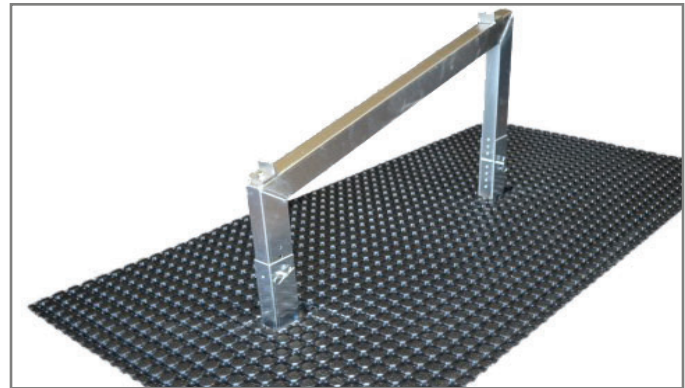


BLU-SOLAR INTEGRATED MOUNTING SYSTEM

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 semi-rigid waffled plastic sheet that **retains water within pockets** on the upper side, making water available to vegetation
- channels surplus water through its **bottom-sided canal system** for secure drainage
- **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 FKD Mounting Frame by

OPTIGRÜN
ROOF GREENING



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



• Special order product



• Individual Unit
• Full Pallet
• Full Load



• According to size of order

TECHNICAL DATA

Materials:

- Recycled HDPE (Board) & Aluminum (Frame)

Board Thickness:

- 0.98"

Board Dimensions (W x L):

- 3' 3 3/8" x 6' 6 3/4"

Board Area:

- 21.52 ft²

Board & Mounting Frame Weight:

- 9.26 lbs.

Board Compressive Strength:

- 29.00 lbs. / in² (unfilled)
- 25.38 lbs. / in² (filled)

Water Holding Capacity:

- 0.20 in³ / in² (0.122 gal / ft²)

Drainage Performance (fully saturated):

- at 2% Slope = 26.22 in³ / ft / sec

Vegetated Roofing Use:

- Provides a non-penetrating solution for supporting PV modules.

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