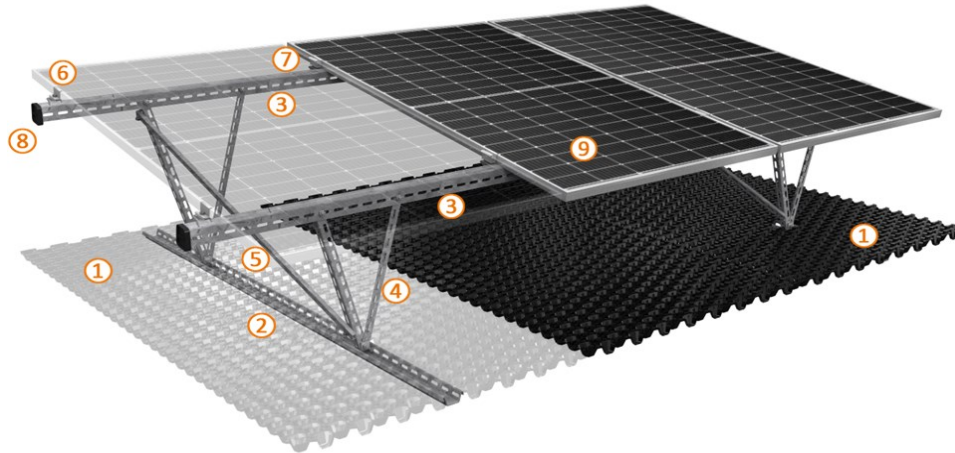


SYSTEM SUMMARY

BauderSOLAR G LIGHT

Green roof mounting solution for framed solar photovoltaic modules

BauderSOLAR G LIGHT is an integrated solar PV mounting system specifically for Bauder biodiverse or extensive green roofs.



Product	Description	Dimensions (mm)	Weight
1 BauderSOLAR DSE 40 Anchor board	Modified DSE40 drainage board installed above base rails to ballast the mounting system	1040 x 2030	
2 BauderSOLAR BS-4 or BauderSOLAR BS-2 Base Rail	Powder coated steel base rail installed on protection layer and beneath DSE40 Anchor board	3994 (BS-4) or 1994 (BS-2) x 36 x 72	
3 BauderSOLAR MTR Module carrier rail	Powder coated steel profile rail to support framed solar modules	4700 x 61.9 x 47.5	
4 BauderSOLAR VT 745 BauderSOLAR VT 545 V-beams	Pre-assembled V-shaped module carrier rail support manufactured from powder coated steel	L 745 x 399 x 54 S 545 x 343 x 54	
5 BauderSOLAR DLE Diagonal profile	Support rail to add rigidity to mounting system—Powder coated steel	1245 x 30 x 15	
6 & 7 BauderSOLAR MKL (mid) or BauderSOLAR EKL (End)	Mid and end pre-assembled module clamps	n/a	
8 Module rail end cap	Polypropylene end cap to protect module mounting rail ends	n/a	
9 Solar module	Framed crystalline solar photovoltaic module	Variable	
Total system weight (kg/m²)*			176kg/m²

*Includes weight of Bauder BTRS roof system with 160mm PIR insulation and saturated Biodiverse green roof based on a substrate depth of 100mm

SYSTEM OPTIONS

Solar module options**		
Module	Efficiency	Size
JAM60S-20-385-MR	20.7%	1052mm x 1769mm
LG Neon H—380Wp	20.4%	1016mm x 1700mm

Recommended planting mix:

Name	Description
Bauder Flora 3 Seed Mix GB50120403	A broad mix of low growing and some shade tolerant species ideal, for most roof environments. Recommend for BioSOLAR installations.

**Bauder BioSolar is a universal mounting system. The listed modules are for reference only, please contact Bauder for advise on project specific module selection.

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