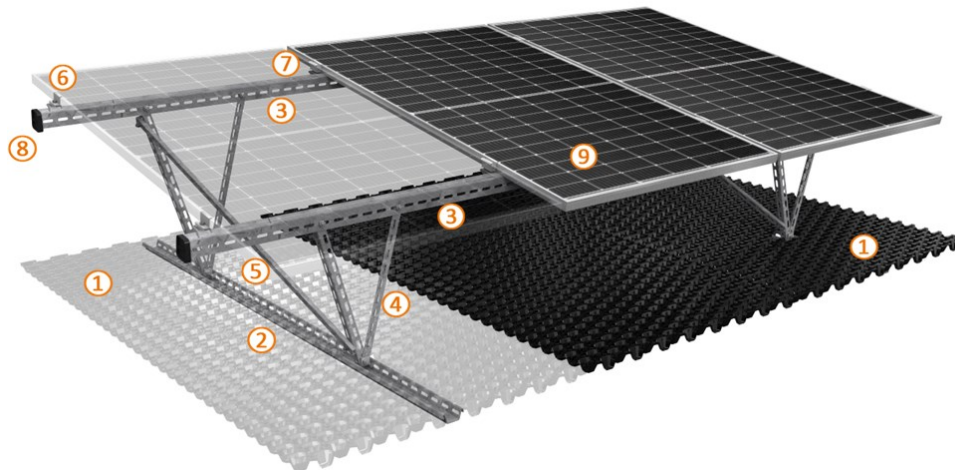


SYSTEM SUMMARY

Bauder BioSolar G2

Green roof mounting solution for framed solar photovoltaic modules

Bauder BioSOLAR G2 is an integrated solar PV mounting system specifically for Bauder biodiverse or extensive green roofs.



Product	Description	Dimensions (mm)	Weight
1 DSE40 Anchor board	Modified DSE40 drainage board installed above base rails to ballast the mounting system	1040 x 2030	
2 Base Rail	Powder coated steel base rail installed on protection layer and beneath DSE40 Anchor board	3994 (L) or 1994 (S) x 36 x 72	
3 Module carrier rail	Powder coated steel profile rail to support framed solar modules	6194 x 61.9 x 47.5	
4 V-carrier units, long and short	Pre-assembled V-shaped module carrier rail support manufactured from powder coated steel	L 749 x 399 x 54 S 550 x 343 x 54	
5 Diagonal profile	Support rail to add rigidity to mounting system—Powder coated steel	1245 x 30 x 15	
6 & 7 Module clamps	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
JA Solar JAM60S-20-385-MR	20.2%	996mm x 1689mm
LG Neon R—380Wp	21.2%	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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