

Specifications for the green roof mounting system

General system description

System type:	Substrate loaded green roof photovoltaic mounting system
Module orientation:	one- or two-sided
Nominal module inclination:	at least 10°
Module mounting:	upright
Materials:	Aluminium, V2A, recycled plastic
Manufacturer's warranty:	12 years

Properties

Min. distance attica:	max. 500 mm
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Attachment to the roof:	Penetration-free installation, large-area ballasting via substrate
Ground clearance of the modules:	At the deepest point min. 460 mm minus the substrate height
Permissible module sizes:	up to max. 1850 mm x 1340 mm (l x w)
Clamping of the modules:	On the long side of the modules
Electrical properties:	An approved way to integrate the mounting system into the lightning protection/equipotential bonding system
Ballasting:	<p>A ballasting plan adapted to the location in accordance with EUROCODE and SIA standards using software recommended by the manufacturer must also be supplied.</p> <p>The ballasting of the system is carried out via the substrate.</p>
Approvals/standards:	<p>A design of the mounting system with corresponding wind tunnel tests is absolutely necessary</p> <p>CE marking</p>
Type:	novotegra green roof or equivalent