



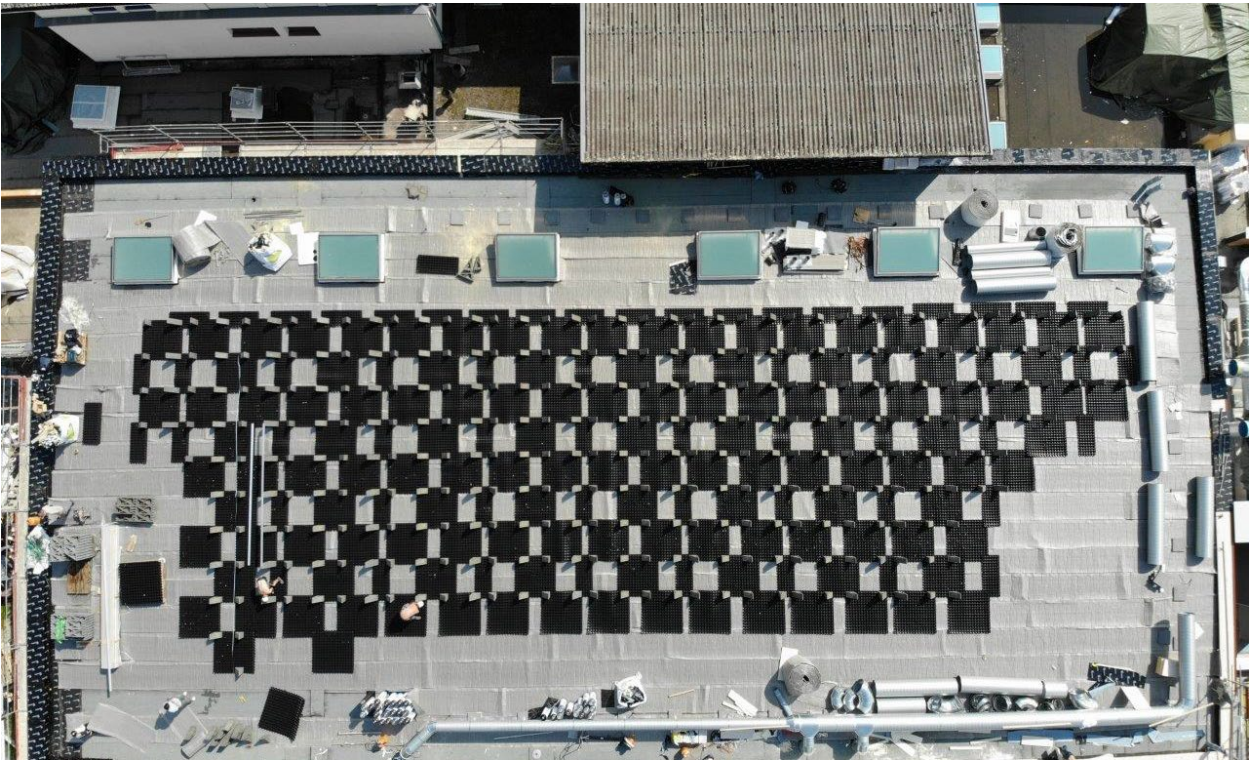
novotegra green roof mounting solutions



Green roof mounting solutions



- Our very own mounting system, developed in-house, that has proven itself on the market since 2011
- NEW: Solutions for a wide range of green roofs
- Simple and free design via the Solar-Planit online tool
- Free initial mounting support
- High degree of prefabrication for quick installation
- TÜV- and DEKRA-tested safety, CE marking
- Static calculations according to Eurocode and SIA standards
- 12-year product guarantee



novotegra green roof system

Our green roof system really does offer everything you need in an all-in-one package: in addition to promoting biodiversity and supporting retention, the green roof also acts as an air-conditioning system and cools down the ambient temperature – including the PV system – to maximise efficiency.

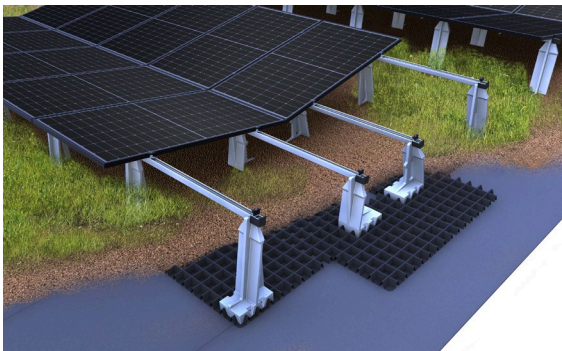
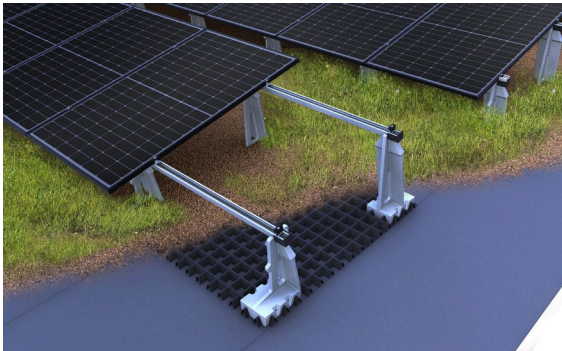
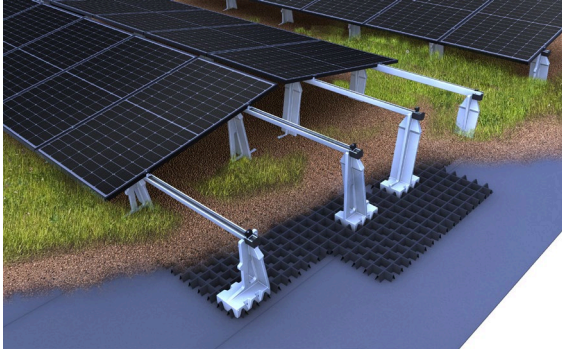
The 10° module inclination combined with the upright mounting of the modules makes for particularly efficient usage of the roof area.

Benefits/features:

- Large substrate plates provide sufficient space for ballasting
- Wind-tunnel-tested aerodynamics
- Sufficient distance from the roof surface for plant growth and sliding snow
- Quick and easy installation from above
- Different layouts possible with the same components: east-west, south-facing, butterfly
- Sustainable production thanks to the use of recycled materials



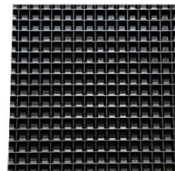
Green roof east-west/south-facing/butterfly green roof system | Details



- Middle and end clamps in blank aluminium or black anodised finish
- Easy to screw into the module support rail with locking function
- PE-pad on the rail nut to prevent the clamp from falling out or slipping

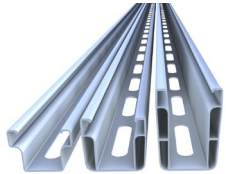


- compatible with standard C-rails C38/C47/C71
- easily stackable, easy-to-mount carrying handle and integrated level scale for substrate heights up to 20cm
- Made in Germany from recycled plastic



- Substrate plate with plenty of space for ballast
- Water storage volume of the plate supports the retention effect
- Made in Germany from recycled plastic

Further items



Standard C-Rail

Cross-system rail in alublack or black anodized. C38-C71 applicable. Treat rest during installation. Can be used as cable channel.



Rail connector C-rail

Rail connector set to extend C-rails, also available as expansion joint construction.



Rail connector set S

For extending the module support rail - internal rail connector for maximum mounting freedom.



Serrated self-locking flange nut M12

Self-locking hexagon nut with locking ring AF 18 for connecting module support and standard C-rail



Mounting screw for support

Countersunk screw with Torx 25 drive for connecting substrate plate and module support.

Optional items



Contact latch module clamp

Establishes an electrically conductive connection between the solar modules and substructure, ensuring lightning current carrying capacity and equipotential bonding.

optional



Grounding connector

Is used to include the module support rail in the lightning protection.

optional

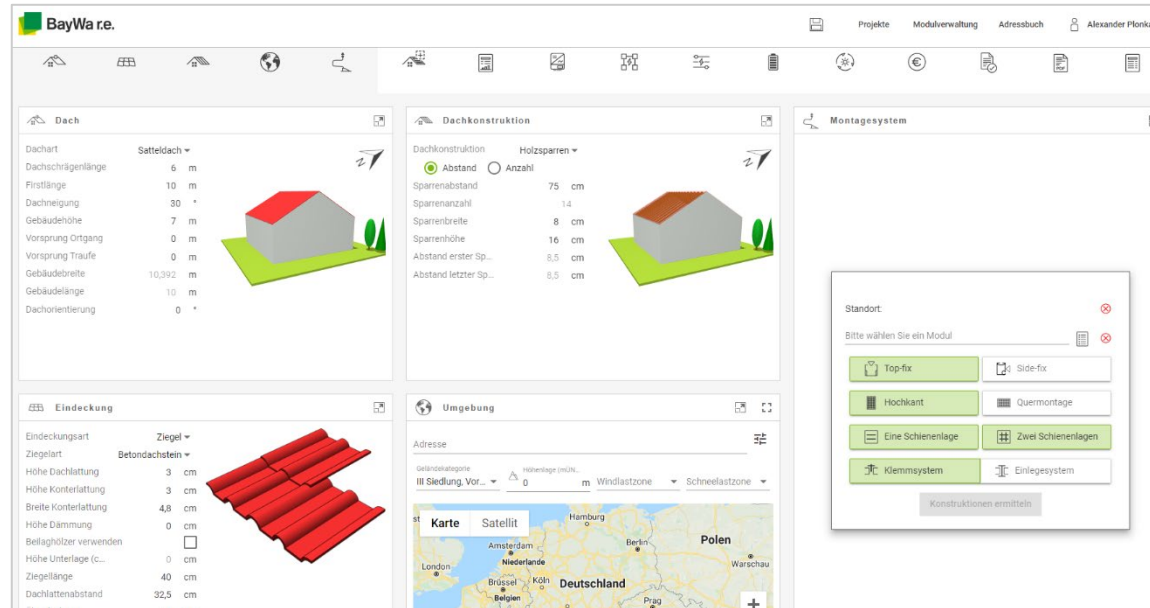


Top cover for module support rail

Cover for the module support rail to facilitate full use as a cable duct and for protection against UV, weather and rodents.

optional

Our free design tool: Solar-Planit



Our Solar-Planit

- Complete system planning included
 - Mounting system design & structural analysis
 - Module allocation
 - Inverter design & suitable storage
 - Profitability calculation
 - System documentation
- System planning in just a few minutes thanks to intuitive operation
- Free, web-based tool including free webinars
- Connection to our online shop
- Availabilities can already taken into account as early as the planning stage

Try out our [Solar-Planit!](#)

Our free initial mounting service

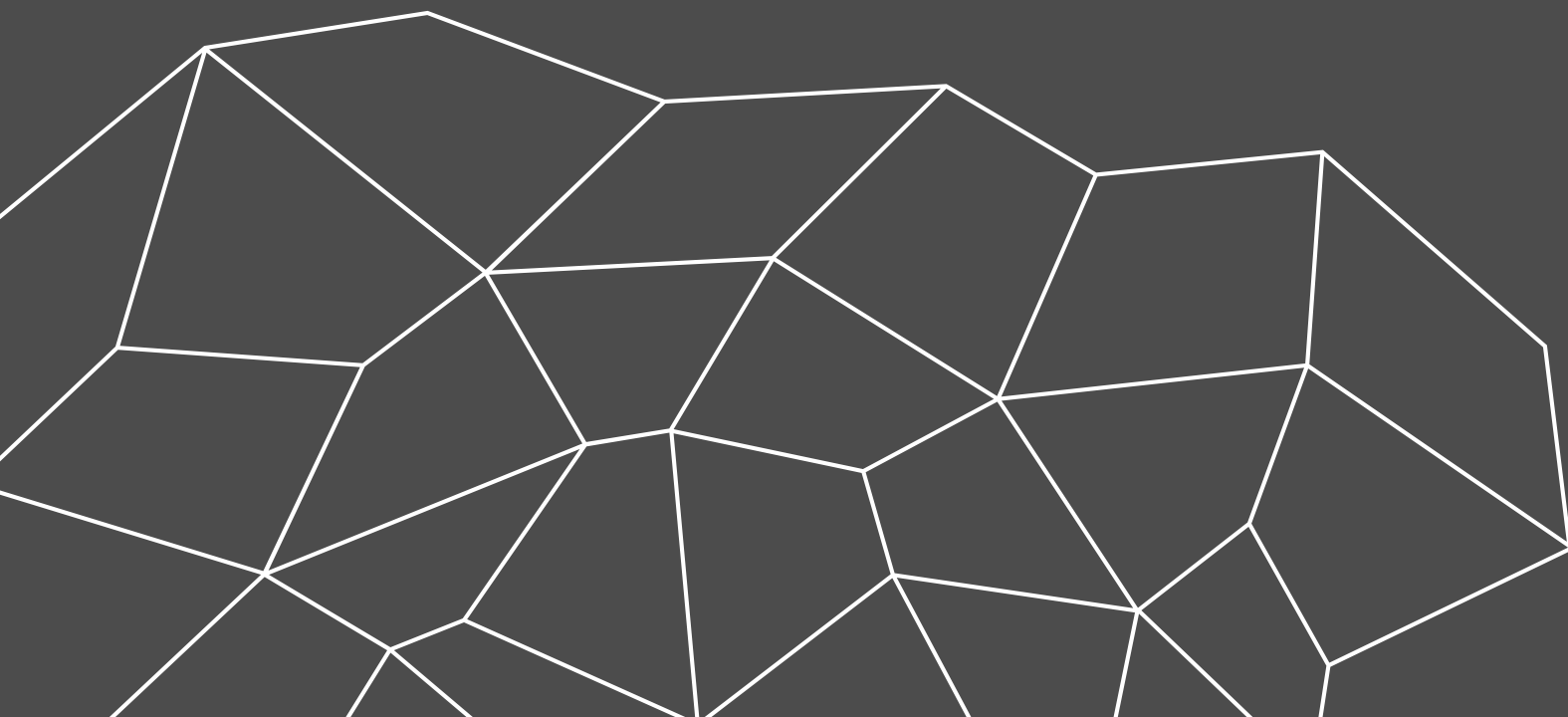


Our initial mounting service

Support and training throughout the installation process by a technical advisor

- Training and support in all aspects of the mounting system
- Discussion of the static calculation results
- novotegra tips & tricks
- Free for you!

Visit our [website](#) or contact your dedicated advisor for more information.



Thank you!

novotegra GmbH

info@novotegra.com

Copyright

© Copyright novotegra GmbH, 2022

The content of this presentation (including text, graphics, photos, tables, logos, etc.) and the presentation itself are protected by copyright. They were created by novotegra GmbH independently.

Any dissemination of the presentation and/or content or parts thereof is only permitted with written permission by novotegra without written permission of novotegra, this document and/or parts of it must not be passed on, modified, published, translated or reproduced, either by photocopies, or by others – in particular by electronic procedures. This reservation also extends to inclusion in or evaluation by databases. Infringements will be prosecuted.