

Your Advantage

Optimal economy

Due to its reduced number of individual parts, the GehrTec® installation system offers very short and economical installation times. In addition, pre-fabricated connection points and integrated functions such as the cable duct simplify the installation.

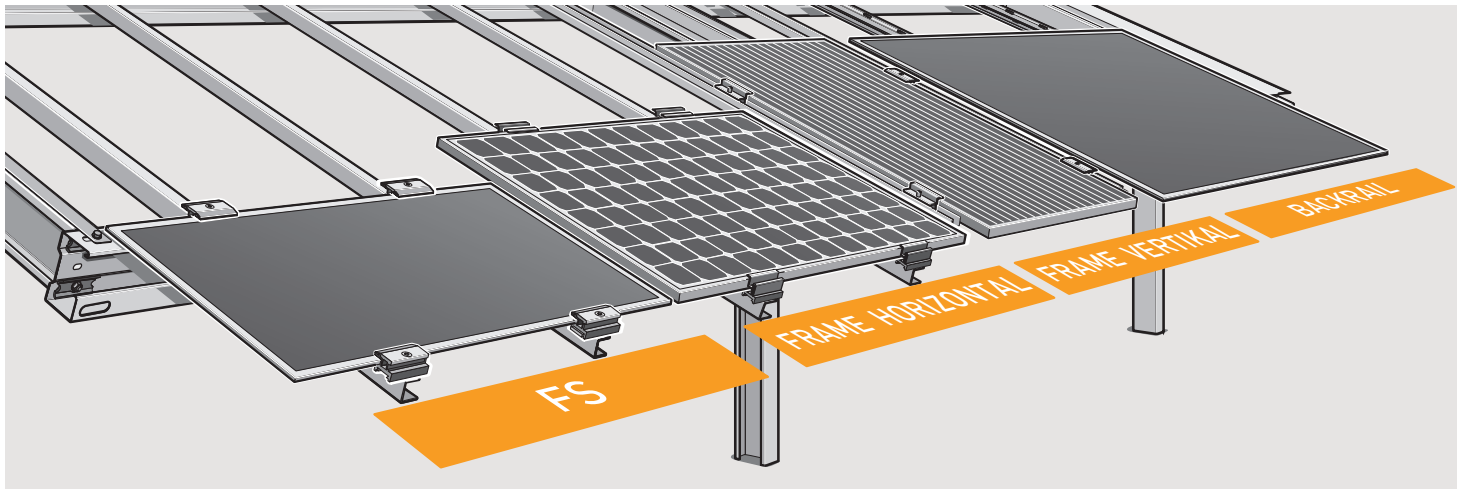
Flexible installation

In connection with our GehrTec® rail and clamp systems, the system for thin-film modules, framed modules and large laminate panels was optimised. It is possible to position the modules horizontally or vertically.

Highest quality and reliability

The system is comprised of high quality uniform and passive materials (galvanised steel and aluminium), complying with DIN, EN and ISO standards. It resists the heaviest wind and snow loads and has been tested in acc. with the latest methods by FEM analysis and as a scale wind tunnel model. The construction is characterised by its superior resistance to corrosion and covers the corrosion categories C1, C2 and C3.

Certificates



GehrTec® Base

Technical Data

Place of use	Outdoor systems
System pitch	25°, other angles optional
Installation	Manually or by robot
Solar modules	Thin-film modules, framed modules, large laminate panels
Module dimensions	flexible
Module orientation	horizontal, vertical
Module fixings	GehrTec® Rail and Clamp Systems
Load-bearing capacity	5,400 Pa
Corrosion resistance	C1, C2, C3

GehrTec® Base FS

Technical Data

Installation	4 or 5 rows, horizontal
Solar modules	thin-film modules (e.g., First Solar)
Module dimensions	1,200 x 600 mm
Module orientation	horizontal
Module fixings	GehrTec® Laminate clamp
Load-bearing capacity	up to 2,400 Pa



Perfect installation of the modules using separated GehrTec® laminate clamps, the lower part of which is fixed to a rail profile. In this way the frameless modules are positioned on the clamps which are fixed in the profile, and bolted. Thus we guarantee optimised installation processes for frameless solar modules.

GehrTec® Base F/3

Technical Data

Installation	3 rows, horizontal
Solar modules	framed modules
Module dimensions	flexible
Module orientation	vertical
Module fixing	GehrTec® Module Clamp
Load-bearing capacity	up to 5,400 Pa



The BASE F/3 system is optimised for the range of framed modules. Installation in 3 rows onto the support construction is intended.