Schweizer

The practical solution for a green roof

MSP-FR green photovoltaic installation system

We make photovoltaics simple for a green roof

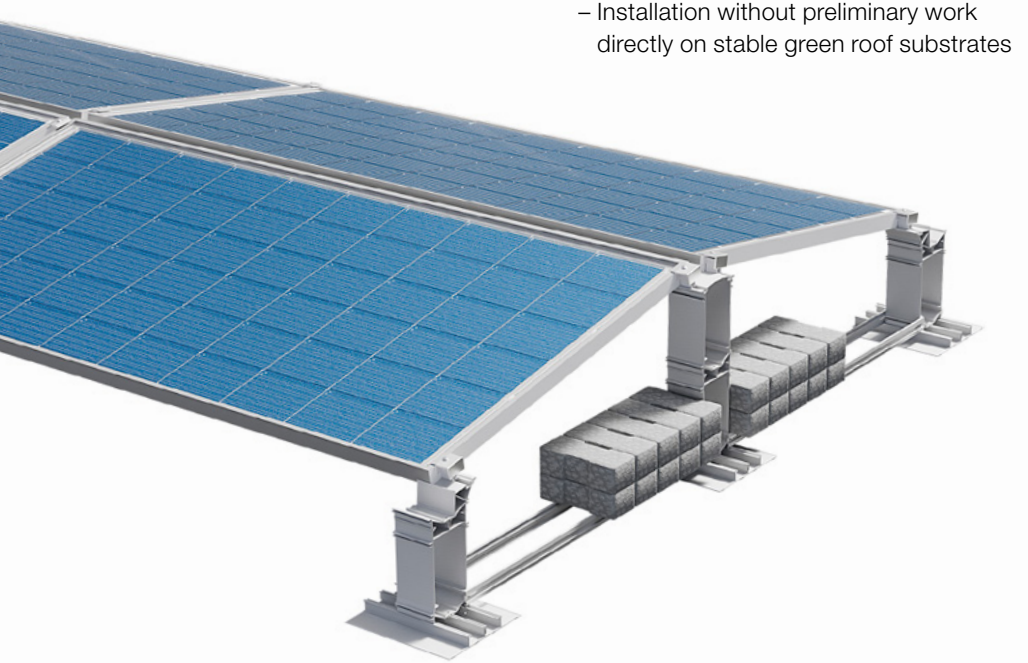
MSP-FR green enables the use of green roof photovoltaics without roof penetration. Installation on existing green roofs is extremely efficient and cost-effective thanks to fewer components, extensive pre-assembly and the sophisticated click system.

MSP-FR green was specially designed for green roofs and is distinguished by a low dead weight and optimised ballasting.

The installation system can be installed directly on the green roof without penetrating the roof. This means that complex and expensive removal of the existing substrate can be avoided.

Advantages at a glance

– Uncomplicated and rapid installation
– Optimised ballasting
– System installation is possible without modules
– Easy handling thanks to a modular structure and a limited number of components
– No penetration of the roof cladding
– Practical retrofitting on green roofs
– Installation without preliminary work directly on stable green roof substrates



The sustainable system for retrofitting

MSP-FR green is the practical solution that combines two major ecological trends: PV installation systems for flat roofs and green roofs.

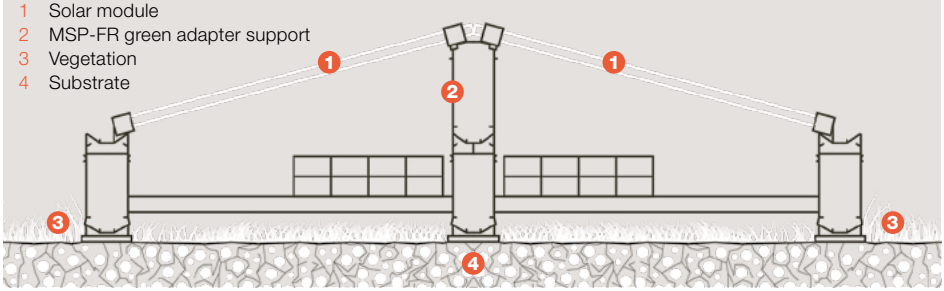
The MSP-FR green installation system is based on a systematic further development of our proven east-west flat roof system.

Only an additional adapter support is needed to use MSP-FR green on existing green roofs.

Flexible alignment and arrangement of MSP-FR green enables maximum exploitation of the usable potential of a green roof.

Design

1 Solar module
2 MSP-FR green adapter support
3 Vegetation
4 Substrate

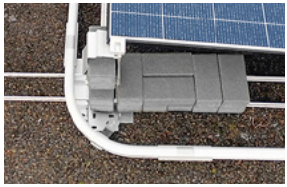


Our latest innovations for MSP-FR green

New

AluTrax fall protection

Working on the green roof is safer thanks to the ABS AluTrax rail safety system. AluTrax is directly integrated in the MSP-FR green installation system and provides convenient and seamless securing through rail sliders.



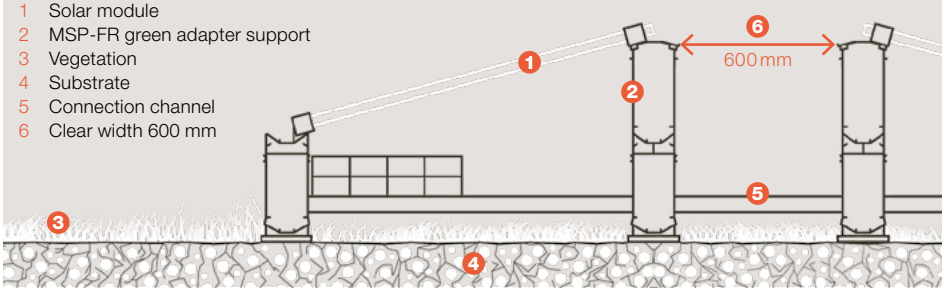
New

Design with maintenance walkway on the roof cleft

Two maintenance walkways can now be realised to improve access to the green roof design: 500 mm or 600 mm, which is equivalent to the walkway widths prescribed by law. This means that the maintenance walkway can now be created on the ridge of the installation system.

Maintenance walkway design

1 Solar module
2 MSP-FR green adapter support
3 Vegetation
4 Substrate
5 Connection channel
6 Clear width 600 mm



Well advised with service from Schweizer

In addition to the leading green roof system, Schweizer also provides professional advice and rapid support – for the entire duration of the project and on to its successful conclusion.

Local and tool-supported consultation ensures a high degree of planning and project quality from day one. This enables us to strengthen the market position of our partners, enhancing their customer loyalty.

Lightweight construction
For almost every roof

Efficient installation
Thanks to the modular system

Swiss quality
Durable, robust, secure and economical

Flexible implementation
Standard supporting structure for every type of flat roof

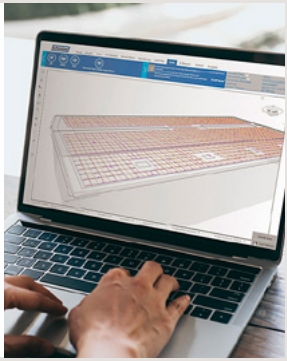
Leading system
Established and innovative solution

Uncomplicated planning
with Solar.Pro.Tool from Schweizer

Planning made easy – with Solar.Pro.Tool

The web-based Solar.Pro.Tool software enables rapid and uncomplicated planning of PV systems for all installation kits from Schweizer.

The tool can be operated intuitively and in any location. Project data can be accessed online by several users and saved following processing. The documentation contains all necessary technical details such as the design of the PV generator, parts lists, plans and installation instructions.



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