

Flat roof system closed configuration II for membrane roof

WIND TUNNEL-TESTED SAFETY

Do you want to mount an elevated photovoltaic system on your flat roof facing south? Then our flat roof mounting system closed II is the right solution for you. We have had the system put through its paces in a wind tunnel, where it was tested under changing wind conditions and strong wind peaks. The result confirms our years of proven quality, and with our flat roof mounting system, you can be sure that you are getting excellent safety and stability.

The closed configuration II mounting system is suited for flat roofs with an incline of up to 5°, and impresses with its quick and simple assembly. It consists of just a handful of individual components and system parts that can be clicked in, with the modules clamped. The system can be mounted without penetrating the roof. Heavy stones are usually used as ballast, although the improved aerodynamics makes it possible for the system to be mounted with little to no ballast. This makes it perfect for your flat roof. This is possible also thanks to our wind deflector, which is mounted overlapping on the elevation closed II and is securely connected to the support and rails. This increases the general stability whilst also ensuring perfect load distribution thanks to its connection to the base trough.

The base trough has wide, round and installation-friendly edges that never cut in, and which also act as a cable duct that offers sufficient space for cables and plugs. The closed configuration II flat roof mounting system can also be used on gravel roofs, with additional components such as ballast trays also available. The mounting system can be loaded with 2.4 kN/m² as standard, increasing to up to 4.8 kN/m² if the modules are clamped on the long side. The closed configuration II flat roof mounting system is a modified version of our proven flat roof mounting system closed configuration I. This means that your photovoltaic project benefits from the many years of experience of our engineers.






ADVANTAGES

- Excellent security and stability
- Wind tunnel tested
- No penetration of the roof membrane
- Quick installation
- Extremely low ballast needs due to optimised aerodynamics
- Greater possible module surface
- Double support for high load requirement
- 10 year product guarantee





BASIC COMPONENTS

Base trough		Page 71
Base trough connector set		Page 80
Aluminium edge protector self-adhesive		Page 92
Flat roof mounting screw		Page 66
Base foot		Page 87

SOUTH FACING CONFIGURATION

Module support		Page 87
Ballast rearrangement		Page 89
Module bracket		Page 85 / 86