

SOL-50 DUOFLEX FLAT ROOF SYSTEM

Sun from both sides



SOL-50 Duoflex is an impenetrable and low-ballast flat roof system and assures a secure and quick module installation with a frame height of up to 50 mm. SOL-50 Duoflex was specially designed for installation on large hall roofs with minimal surface load. The system has been tested in the wind tunnel and operates without any additional heavy loading. The console angle is adjustable and the components are delivered mainly ready-made. Due to the special form of the system, both sides of the solar modules can be effectively used, giving optimal utilisation of the roof – and being profitable at the same time.

SOL-50 Duoflex is particularly suited, for example, for the “combined” north/south positioning, whereby the south side can be covered with crystalline modules and the north side with thin-film modules. The combination of corrosion-resistant materials such as aluminium and stainless steel with a stable construction guarantees a long life, and thus the greatest possible investment security for the system’s owner.

Advantages of the SOL-50 Duoflex flat roof system

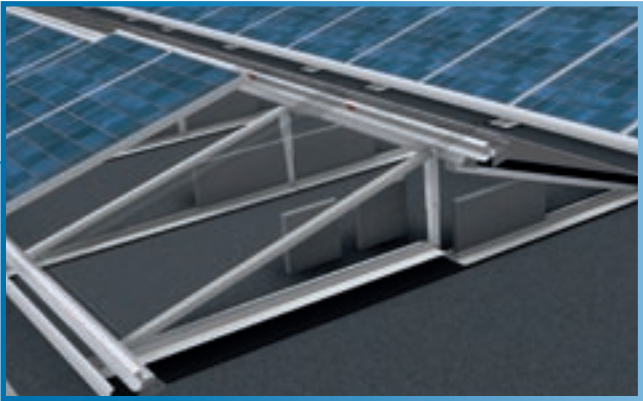
- Price advantage due to quick and secure installation
- High profitability of the modules due to optimal back ventilation
- Maximal life due to use of aluminium and stainless steel
- TÜV-certified safety and quality
- Wind tunnel tested
- Subsequent extension to the system is possible
- Cabling protected in horizontal frames
- 100% recyclable

One-sided active use of the SOL-50 Soloflex

The SOL-50 is adapted for one-sided active use of flat roofs. The system is recommended for installing in locations where high functionality and profitability are at the forefront of the decision.

Technical data for Duoflex flat roof system

Suitable for:	Flat roofs with foil or bitumen sealing
Roof pitch:	0–4°
PV modules:	Framed modules up to 50 mm frame height
Module positioning:	Vertical
Height adjustment:	Compensation for unevenness of roof possible
Materials:	Extruded aluminium frames (EN AW 6060/6063) Rust-proof steel screws
Colour:	Press finished



Components



Building protection mats



Flat roof console



Horizontal frame



Inner horizontal jointer



Horizontal frame end cap



Cover trim



Self-tapping screw