



**MAGE**  
**SAFETEC<sup>®</sup> FLEX**

## **COMPELLING MOUNTING SYSTEM FOR FLAT AND FOIL-COVERED ROOFS**

In recent years MAGE SOLAR has created thousands of photovoltaic installations in Germany, Europe, and the USA for satisfied customers. As an experienced complete system provider we can support you in realising solar power projects worldwide. With our new mounting system MAGE SAFETEC FLEX for flat and foil-covered roofs, MAGE SOLAR offers you a system that is tailored to the specific roof types of commercial and industrial buildings. Its very low distributed load does not affect the statics of the building. The system optimises the imposed load and additionally offers a means of fixing that avoids the need to penetrate the roof cladding. Leaks can thus be ruled out from the start. Ballasting in peripheral areas and an aerodynamic design assure exceptional stability even in the highest wind load zones.

With the MAGE SAFETEC FLEX mounting system you can offer your customers the possibility of utilising these types of roof for photovoltaic systems.



### Flexible Planning

The extremely lightweight construction, with a distributed load of  $\leq 10$  kg per  $m^2$  including the module, and the individually selectable tilt angles and distances between rows allow you great flexibility in planning for any flat or foil-covered roof. This system is even suitable for roofs with a pitch of up to  $20^\circ$ . Our team of experts will calculate a custom layout and ballasting plan for you, which with the very short mounting time required, can then be implemented quickly.

### Easy Installation

Pre-fitted system components, the small number of separate parts, and specially manufactured system weights cut your installation outlay to less than one man-hour per kWp. The perfect matching of the system to our MAGE POWERTEC PLUS Modules further simplifies installation, saving you time and your customers additional costs.

### Maximum Yield

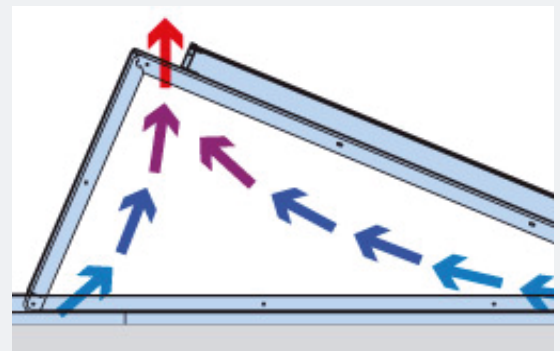
The new MAGE SAFETEC FLEX mounting system allows you to install a photovoltaic system on a flat or foil-covered roof with low distributed load and thus offer your customers an additional source of revenue. To maximise that revenue, photovoltaic modules require a sufficient level of rear ventilation – which is assured by the system’s precisely dimensioned air inlets and outlets. Heat is thus removed from the photovoltaic elements and maximum yield guaranteed for your customers.

### Long Lifetime

The high quality and stability of the system has been tested in various performance tests under real-life conditions. MAGE SAFETEC FLEX can withstand even the harshest wind and snow loads. A 10-year product warranty, together with planning and construction of the system in accordance with DIN 1055, further underline its quality and long lifetime.



Flat roof system with MAGE POWERTEC PLUS modules



Rear ventilation with suction effect



Ballasting at the periphery

