



AEROCOMPACT

Fall protection systems for
PV installations attached
directly to the AEROCOMPACT
substructure

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SOPV-AERO

Fall protection systems for PV installations

Discover the fully integrable INNOTECH fall protection systems for PV installations, which combine seamlessly with the AEROCOMPACT SN 2 rails. Thanks to this innovative integration, not only do you save space and reduce shadowing effects, but you also reliably protect your employees from falls!

The fall protection system is installed directly onto the substructure, and therefore simultaneously with the fitting of the PV panels. Safety and productivity go hand in hand, regardless which system you choose: AIO passable lifeline system, TAURUS rail protection, or EAP single anchor points.

All safety systems are certified to the European Standard EN 795:2012 TYPES C, E and CEN/TS 16415, and are also approved for use by two people. The ballasting of the photovoltaic substructure provides the static load capacity into which the forces are directed in the event of a fall.



BENEFITS

- Utilisation of the entire roof surface, thanks to the small footprint of the fall protection system
- No penetration of the roof cladding, thanks to direct connection to the PV substructure
- Easy to use, because the entire roof surface is protected by a single system
- Thanks to close-to-the-surface installation, no shadows are cast, so there is no reduction in performance of the PV installation



*"Save
lives together!"*



Overview of systems

SOPV-AERO-AIO **passable lifeline system**

is used wherever protection against falls must be provided in combination with photovoltaic systems on roofs up to an inclination angle of 5°. The modular system components and a fastening distance of up to 7.5 m mean that the lifeline system can continuously protect the PV system together with the rest of the roof surface. The travelling eyebolt makes it possible to pass over intermediate brackets and curves, thus completely avoiding inconvenient attachment and detachment.

SOPV-AERO-TAURUS **rail system**

is used wherever protection against falls must be provided in combination with photovoltaic systems on roofs up to an inclination angle of 5°. The rail system's attraction is that it can be mounted completely externally along the PV installation (with a fastening distance up to 3 m). In addition, the PV system's expansion joint is compensated in the rail system by means of its own connector.

SOPV-AERO-EAP **single anchor point**

is principally used where protection against falls must be provided in combination with photovoltaic systems on roofs less than in 150 m² area, or as an ascent or corner protection for preventing a pendulum fall.



Certification to the latest state of the art:

EN 795:2012 TYPES C and E
CEN/TS 16415



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