

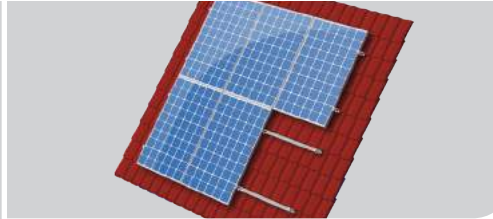
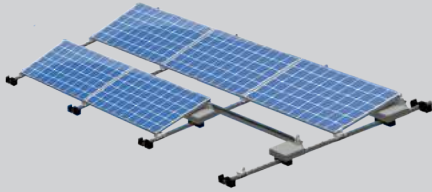
Certification

Solar Mounting Systems

VAN DER VALK



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This certification has been made based on the Eurocodes and the NEN 7250. It confirms that all solar mounting systems of Van der Valk Solar Systems has been designed, calculated and produced according these codes, or its derivatives. Van der Valk Solar Systems meets the applicable CE requirements regarding 2001/95/EG product safety and the applicable sections of the new (concept) BRL9931, components of solar systems.

Applied systems

Pitched roof, Flat roof, Ground Mounts

Applied codes:

EN 1990	Basis of structural design
EN 1991-1-3	Actions on structures Snow loads
EN 1991-1-4	Actions on structures / Wind actions
EN 1993-1-1	Design of steel structures / Rules for buildings
EN 1993-1-3	Design of steel structures / Rules for cold formed members
EN 1997	Geotechnical design
EN 1998-1	Design of structures / Seismic actions
EN 1999-1-1	Design of aluminium structures
NEN 7250	Solar systems - Integration in roofs and facades
2001/95/EG	Product safety
BRL9931	Components of solar systems

Annexes of the EN 1990, EN 1991-1-3 and EN 1991-1-4 have been applied per relevant country.

Wind tunnel:

Van der Valk Solar Systems have elaborated the results of wind tunnel studies in their calculation tools for both flat and pitched roofs. The application and interpretation of the results have been checked thoroughly and match the assumption and findings as laid down in report W 15328-1ERA-002 dated December 5th, 2016 for flat roofs and WA 15328-!E-RA-002 dated December 22th, 2016 for pitched roofs.

