

Certificate

Registration-No.: R 60106816

Page 7

Report-No.: 21243971.007

License Holder:
Renusol GmbH
Piccoloministr. 2
51063 Köln
Germany

Product:
PV Mounting System
Type:

FS10-S (flat roof mounting system)
FS18-S (flat roof mounting system)

Manufacturing Plant:
Renusol GmbH
Piccoloministr. 2
51063 Köln
Germany

Basis:

2PFG 1794 10.10
"Qualification of mounting systems for
Photovoltaic (PV) modules"

Factory Inspection
To ensure a constant quality
periodic inspections are carried out.



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ID 0000048970

Remarks:

Static calculation of the load side according to: DIN EN 1991-1-4 and DIN EN 1991-1-3.
Static calculation of the resistance side according to: DIN EN 1993 and DIN EN 1999.
The aerodynamic coefficients have been determined by wind channel tests according to WTG directive.
The check of static calculation has been performed using the example calculation named 'Statische Berechnung eines Montagesystems' from ZPP German Engineering, No. 32113.001, 46 pages dated 06.04.2016 provided by the customer.
A specific calculation needs to be done which covers all the site-specific variables for the use of the mounting system for each component. The specification of the maximum design values for the actions is impractical because of the variability of the final, site-specific arrangement of the fixing points.
Local conditions have to be considered.

Conditions:

The product test is voluntary and has been done in accordance with the valid technical regulations. Any change concerning the design, materials, components or production may require the repetition of single or all qualification tests in order to sustain the qualification (certificate).

The certificate is valid until 8 December 2020.

Certification body



Cologne, 1 August 2016

Dipl.-Ing. M. Adrian