

Certificate

Registration-No.: R 60084038

Page 1

Report-No.: 21196182.001

License Holder:

voestalpine Polynorm GmbH & Co. KG
Polynormstraße 1
73529 Schwäbisch Gmünd
Deutschland

Product:

PV Mounting System

Type:

iFIX (flat roof system)

Manufacturing Plant:

voestalpine Polynorm GmbH & Co. KG
Polynormstraße 1
73529 Schwäbisch Gmünd
Deutschland

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 0000038364

Remarks:

Static calculation according EN 1990, EN 1993, DIN 1055, DIN 18800, DIN 4113 and DAST-Richtlinie 016 .

Locals conditions have to be considered.

The check of static calculation has been performed using the example calculation with the number "12-556 iFIX PV-Flachdach Montagesystem Nachweis der Lagesicherheit" dated 26.11.2012, "13-501 iFIX PV-Flachdach Montagesystem Nachweis der Lagesicherheit - 1. Nachtrag - " dated 10.02.2013 and additional the "Ballastierungsrechner V27" 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.

Constructional remarks:

Overall pressure on the system equal or less than 5.4kN/m^2 ; tensile forces equal or less than 1.1kN/m^2 .

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 a single or all qualification tests in order to sustain the qualification (certificate).

The certificate has a validity of 5 years counting from date of issue.

Certification body



Cologne, 11 March 2013

Dipl.-Ing. M. Adrian

TÜV Rheinland Energie und Umwelt GmbH
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Cologne, 02 November 2015

Declaration
- 21228541 -

Manufacturer: Voestapline Polynorm GmbH & Co. KG
Polynormstraße 1
73529 Schwäbisch Gmünd
Deutschland

Product: PV Mounting System
Type: iFIX (Flat roof mounting system)

Herewith it is confirmed that the updated calculation tool version V32.1 was checked during the factory inspection and passed according to the requirements of 2PFG 1794/10.10 "Qualification of PV-mounting systems" as well as EN 1990 "Basis of structural design". Therefore, the updated calculation tool can be used to planning the mounting system by considering all relevant aspects as listed in the certificate R 60084038 from 1 march 2013.

Business Field Solar Energy

i. V.

i. A.

Dipl.-Ing. L. Jakisch

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