

Certificate

Registration-No.: R 60081798

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Report-No.: 21192245.001

License Holder:
Hilti Corporation
Feldkircher Str. 100
FL-9494 Schaan
Liechtenstein

Product:
PV Mounting System
Type: **MSP-PR** (pitched roof mounting system)

Manufacturing Plant:
Hilti Corporation
Feldkircher Str. 100
FL-9494 Schaan
Liechtenstein

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



- **Qualified PV Mounting System**
- **Periodic inspection**

Remarks:

Static calculation according to DIN EN 1990:2010-12, DIN EN 1999-1-1:2010-05, VDI 2230 Sheet 1:2003-02, DIN EN 1995-1-1:2012-12. Load assumptions according to: DIN EN 1991-1-1:2002-10, DIN EN 1991-1-3:2010-12, DIN EN 1991-1-4:2010-12, additionally for projects in Italy: Nuove norme tecniche per le costruzioni di cui al D.M. 14/01/2008, and for projects in Switzerland: SIA261.

The wood screws which are used for this mounting system do have a European Technical Approval: ETA-12/0483
The check of static calculation has been performed on an example calculation from the customer dated on 20.08.2012. The results of this check could be found in the report with the number BBIS94608721 dated 13 November 2012 provided by the LGA – Institute for Structural Engineering. A specific calculation needs to be done which covers all the site-specific variables for the use of the mounting system for each component. Local conditions have to be considered.

Constructional remarks:

The details of the factory inspection are documented in report 21220291.001

Conditions:

The product test is voluntarily 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 of 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



Dipl.-Ing. M. Adrian

Cologne, 5 December 2012