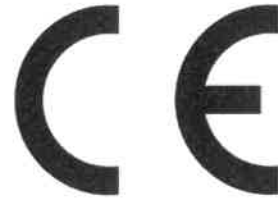




**mounting
systems**



EC Declaration of Conformity

According to DIN EN 1090 and the declaration of performance according to EU regulations, 305/2011 appendix III (Construction Product Regulations)

Manufacturer:

Mounting Systems GmbH
Mittenwalder Straße 9a
DE – 15834 Rangsdorf / Germany

Herewith declares Mounting Systems GmbH, that the construction product with the following description and declaration;

Product description: PV- mounting system

Type: Sigma

Variant: Sigma II

is in conformity with the technical requirements of the following EC – Directives, if it is installed in accordance with the product documentation and the installation manual.

Regulation (EU) NR. 305/2011 of the European Parliament and of the Council of 09. March 2011, laying down harmonized conditions for the marketing of the construction products and repeal of Council Directive 89/106/ EEC building regulations.

Mounting Systems GmbH declares also that for calculations and design the following norms were used.

EN 1990:2002 + A1:2005	Eurocode: Basis of structural design
EN 1991-1-1:2002 + AC:2009	Eurocode 1: Actions on structures - Part 1-1: General actions - Densities, self-weight, imposed loads for buildings
EN 1991-1-3:2003 + AC:2009	Eurocode 1: Actions on structures - Part 1-3: General actions - Snow loads
EN 1991-1-4:2005	Eurocode 1: Actions on structures - Part 1-4: General actions, Wind actions
EN 1993-1-1:2005 + AC:2009	Eurocode 3: Design of steel structures - Part 1-1: General rules and rules for buildings



mounting systems

Feature	Classification
geometric tolerances	EN 1090-2 ISO 2768 EN ISO 9013
fatigue strength	NPD
the deformations at the serviceability limit state	NPD
fire-resistance class	NPD
behavior under fire release cadmium and its combinations.	Steel parts, material class A1
durability	NPD
manufacturing	according drawing
the system of attestation of conformity	4

Product description / accordance with the purposes

Sigma II is a compound substructure construction for PV modules. The foundation of the metal-structure is usually a ramming foundation in accordance with the EN 12699:2015. The structure consists of ramming posts, rafters and module racks which are braced with cross-strut. The shear and compression force can be transferred to the ramming foundation. If alternative foundations are used, corresponding proof of stability must be provided.

Mounting Systems is certified according the EN 1090-1:2018 Factory Production Control by:


TÜV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Köln / Germany

Identification number: 0035
Certificate number: 0035-CPR-1090-1.02845.TÜVRh.2021.002
Validity of the certificate: 07-11-2023

Authorized representative responsible for creating and maintaining the technical documentation:

Dipl.-Ing. Frank Heymann
Chief of Engineering, Mounting Systems GmbH

Mounting Systems GmbH
Berlin 06-02-2023



Mareel Merten
CEO