



1. **Unique identification code of the product type:** load-bearing structural elements for the solar panel mounting system
2. **Intended use or uses for construction product:** Construction of Solar System.
3. **Manufacturer:** [REDACTED]
4. **Contact address of the manufacturer:** [REDACTED]
5. **Name and contact address of the authorized representative:** CLICKWERK GmbH Walter-Becker-Straße 44, 21035 Hamburg, Germany, +4917632572038, [REDACTED] [info@clickwerk.eu](mailto:info@clickwerk.eu), [REDACTED]
6. **System of assessment and verification of constancy of performance:** System 2+
7. **Harmonised standard:** EN 1090-1:2009+A1:2011.
8. **The notified body:** “Dedal-Attestation and Certification” Ltd. (NB 1922) performed the initial inspection of Factory Production Control, in accordance with EN 15088 and issued a Certificate of Conformity of the FPC № 1922-FPC-0000
9. **Declared Performance:**

Mandated / Essential characteristics	Requirements clause(s):	Performance
	Steel Components Aluminum Components	
Tolerances on dimensions and shape (4.2 / 5.3)	EN 1090-2, Table B.1 class 1 EN 1090-3, Annex G	Class I Pass
Weldability (4.3 / 5.4)	EN 1090-2, S235JR EN 1999-1-1, Table C.1	NPD
Fracture toughness (4.4 / 5.5)	EN 1993-1-10 not applicable	J <sub>min</sub> = 27 at 20 T[°C] -
Impact resistance (4.8 / 5.10)	test method	NPD
Load bearing capacity (4.5.1, 4.5.2 / 5.6.2)	test method	NPD
Deformation at serviceability limit state (4.5.5)	Acc. to the design and calculations	NPD
Fatigue strength (4.5.1, 4.5.3 / 5.6.2)	EN 1993-1-9 EN 1999-1-3	Pass Pass
Resistance to fire (4.5.1, 4.5.4, 5.7)	EN 13501-2	NPD
Reaction to fire (4.6, 5.8)	Not testing	Class A1
Release of cadmium and its compounds, Radioactive substance (4.7, 5.9)	EN 1090-2 EN 1090-3	NPD
Durability (4.9, 5.11)	EN 1090-2 EN 1999-1-1	NPD

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of Performance is issued under the sole responsibility of the

# Declaration of Performance

No: DoP.001.2025

305/2011/EU Construction Products Regulation  
manufacturer identified in point 3.



Signed for and on behalf of the manufacturer by

Authorized representative:

Denys Moskovchenko

Position:

General Director

Place / Date:

Signature / Stamp:



**CLICKWERK GmbH**

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21035 Hamburg, Germany

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# CERTIFICATE

## of Conformity of the Factory Production Control

### 1922 - CPR - 2043

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

**Structural components for steel structures class EXC2, according to EN 1090-2 for structural use**

**Method CE: ZA.3.3, according to EN 1090-1:2009+A1:2011**

**Material: S235JR**

**Products: Load-bearing structural elements for solar panel mounting system** placed on the market under the name or trade mark of

and produced in the manufacturing plants

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

**EN 1090-1:2009+A1:2011**

under system 2+ are applied and that the factory production control is assessed to be in conformity with the applicable requirements.

This certificate was first issued on 11.09.2023 and will remain valid until 11.03.2027 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address [www.dedal-bg.net](http://www.dedal-bg.net).



Manager:

*Anna Vasileva*

dipl. eng. Anna Vasileva

Issued:  
Burgas, 11 March 2025

Ref. No. 02-00