

DECLARATION OF PERFORMANCE

Leistungserklärung

Issued in accordance with **Regulation (EU) No 305/2011** of the European Parliament and of the Council — Construction Products Regulation (CPR), Annex III.

HARMONISED STANDARD EN 1090-1:2009+A1:2011	AVCP SYSTEM System 2+	EXECUTION CLASS EXC2
MATERIAL S235JR	NOTIFIED BODY NB 1922	FPC CERTIFICATE 1922-CPR-2043

- 01** UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE
CLICKWERK T1 „Ziegeldach“ — load-bearing structural elements for photovoltaic module mounting systems on pitched / tiled roofs. Product-type code CW-T1-ZD
- 02** TYPE, BATCH OR SERIAL NUMBER — PRODUCT IDENTIFICATION (ART. 11(4))
Product designation **T1 Ziegeldach** (pitched-roof mounting system). Components are identified by their product marking and the accompanying delivery documents (item-number series CW-T1-...).
- 03** INTENDED USE(S) AS FORESEEN BY THE MANUFACTURER
Load-bearing structural components for the assembly and fixing of photovoltaic modules on pitched (tiled) roofs.
- 04** MANUFACTURER (ART. 11(5))
CLICKWERK GmbH, Walter-Becker-Straße 44, 21035 Hamburg, Germany · info@clickwerk.eu · www.clickwerk.eu
- 05** AUTHORISED REPRESENTATIVE (ART. 12(2))
Not applicable.
- 06** SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE (ANNEX V)
System 2+
- 07** HARMONISED STANDARD & NOTIFIED BODY
Harmonised standard **EN 1090-1:2009+A1:2011**. Under system 2+, the notified factory production control certification body „**Dedal Attestation and Certification“ Ltd.**, notified body No. 1922 (Burgas, Bulgaria), carried out the initial inspection of the manufacturing plant and of the factory production control and the continuous surveillance, assessment and evaluation of the factory production control, and issued the Certificate of Conformity of the Factory Production Control No. **1922-CPR-2043**. Execution class **EXC2** in accordance with EN 1090-2; structural steel **S235JR**.
- 08** EUROPEAN TECHNICAL ASSESSMENT
Not applicable — product covered by a harmonised standard.

09 DECLARED PERFORMANCE

MANDATED / ESSENTIAL CHARACTERISTIC	REQUIREMENT CLAUSE(S) Steel components / aluminium components	PERFORMANCE
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	$J_{min} = 27 \text{ J at } 20 \text{ °C / -}$
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)	According to 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)	Deemed to satisfy — no testing required	Class A1
Release of cadmium / radioactive substances (4.7, 5.9)	EN 1090-2 / EN 1090-3	NPD
Durability (4.9, 5.11)	EN 1090-2 / EN 1999-1-1	NPD

NPD — No Performance Determined · Pass — requirement of the referenced clause is met · clause references: EN 1090-1, Annex ZA

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 manufacturer identified in point 4.

SIGNED BY **Denys Moskovchenko**

POSITION **General Director / Geschäftsführer**

PLACE / DATE **Hamburg, 09.06.2026**

ON BEHALF OF **CLICKWERK GmbH**

CLICKWERK GmbH
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SIGNATURE & COMPANY STAMP



Manufacturer **CLICKWERK GmbH, Walter-Becker-Straße 44, 21035 Hamburg, DE**

Year CE marking first affixed **25**

Declaration of Performance **DoP-CW-T1-2026-01**

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

FPC certificate (NB 1922) **1922-CPR-2043**

Load-bearing components for steel structures intended for use in solar panel mounting systems — execution class **EXC2**, structural steel **S235JR**, in accordance with EN 1090-2. Geometrical tolerance class 1; reaction to fire class A1.