

# DECLARATION OF PERFORMANCE

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

Leistungserklärung

HARMONISED STANDARD <b>EN 1090-1:2009+A1:2011</b>	AVCP SYSTEM <b>System 2+</b>	EXECUTION CLASS <b>EXC2</b>
MATERIAL <b>S320GD+ZM</b>	NOTIFIED BODY <b>NB 1922</b>	FPC CERTIFICATE <b>1922-CPR-2043</b>

- 01 **UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE**  
CLICKWERK F1 „Flachdach“ — load-bearing structural elements for photovoltaic module mounting systems on flat (low-slope) roofs by means of a ballasted, aerodynamic mounting system. Product-type code CW-F1-FD
- 02 **TYPE, BATCH OR SERIAL NUMBER – PRODUCT IDENTIFICATION (ART. 11(4))**  
Product designation **F1 Flachdach** (flat-roof, ballasted aerodynamic mounting system). Components are identified by their product marking and the accompanying delivery documents (item-number series CW-F1-...).
- 03 **INTENDED USE(S) AS FORESEEN BY THE MANUFACTURER**  
Load-bearing structural components for the assembly and fixing of photovoltaic modules on flat (low-slope) roofs by means of a ballasted, aerodynamic mounting system, for East-West (double) and South (single) module orientation.
- 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 AVCP system 2+, the load-bearing structural components are manufactured under a factory production control (FPC) certified by a notified body. The notified factory production control certification body, notified body **No. 1922**, carried out the initial inspection of the manufacturing plant and of the factory production control and performs 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 **S320GD+ZM** (hot-dip zinc-magnesium coated, EN 10346); aluminium components **EN AW-6063** (EN 1090-3 / EN 1999-1-1).
- 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, S320GD+ZM / EN 1999-1-1, Table C.1	NPD
Fracture toughness (4.4 / 5.5)	EN 1993-1-10 / not applicable	NPD
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, 13.06.2026
ON BEHALF OF	CLICKWERK GmbH


CLICKWERK

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CLICKWERK



SIGNATURE & COMPANY STAMP

 <b>1922</b>	Manufacturer	<b>CLICKWERK GmbH, Walter-Becker-Straße 44, 21035 Hamburg, DE</b>
	Year CE marking first affixed	<b>26</b>
	Declaration of Performance	<b>DoP-CW-F1-2026-01</b>
	Harmonised standard	<b>EN 1090-1:2009+A1:2011</b>
	FPC certificate (NB 1922)	<b>1922-CPR-2043</b>
<p>Load-bearing components for steel structures intended for use in solar panel mounting systems on flat (low-slope) roofs – ballasted, aerodynamic system; execution class <b>EXC2</b>, structural steel <b>S320GD+ZM</b>, in accordance with EN 1090-2; aluminium components <b>EN AW-6063</b> in accordance with EN 1090-3. Geometrical tolerance class 1; reaction to fire class A1.</p>		