

## Declaration of Performance (DoP)



2525

**Certificate No: 2525-CPR-PL21/1538**

**Producer:** El- Sun Grzegorz Luśtan, Nad Serafą 49 Street, 30-864 Kraków

**Year of the certification:** 2021

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

**Description of the product:** Construction elements for mounting the photovoltaic/ solar panels made of steel and aluminum

### Declared utility values:

Features	Declared values	Specification
Dimensional tolerances	First class	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Workmanship class	EXC 1	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Weldability	NPD	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Fatigue strength	NPD	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Load capacity and deformation	According to the design and calculations for the construction type PN-EN 1990; PN-EN 1991-1-1; PN-EN 1991-1-3; PN-EN 1991-1-4; PN-EN 1993-1-1; PN-90/B-03200; Directive 2001/95/WE	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Reaction to fire	A1	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Fire resistance	NPD	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Cadmium content	NPD	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Radioactive matter content	NPD	PN-EN 1090-2: 2018, PN-EN-1090-3 2019
Durability	NPD	PN-EN 1090-2: 2018, PN-EN-1090-3 2019

The essential characteristics of the product are in accordance with the performance characteristics declared by the manufacturer. This declaration of performance is issued under the sole responsibility of the manufacturer.

**Declaration signed by:**

**ZKP's attorney- Grzegorz Luśtan**

**Kraków, 26.02.2021**

**EL-SUN GRZEGORZ LUŚTAN**

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