

DECLARATION OF PERFORMANCE No P/SOLID/25

Unique identification code of the product-type:

P/SOLID – Steel and aluminum components and construction kits for the SOLID pergola.

Intended use/es:

For load-bearing structures in all types of buildings

Manufacturer:

**ALUPROF SA
Sun Shading Solutions
ul. Wschodnia 23a, 45-449 Opole, Polska**

System/s of AVCP:

System 2+

Harmonised standard:

**EN 1090-1:2009+A1:2011
(BS EN 1090-1:2009+A1:2011)**

Notified body/ies

TÜV AUSTRIA Services GMBH Sp. z o.o. No: 0408

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specifications
Performance class	Steel: EN 1090-2:2008+A1:2011, EXC2 Aluminium: EN 1999-1-1:2007+A1:2009	EN 1090-1:2009+A1:2011
Tolerance of dimensions and shape	Steel: functional tolerances - class 2 according to EN1090-2:2008+A1:2011 Manufacturing-special tolerance: class m K according to EN 22768-1:1993 and EN 22768-2:1993 Aluminium: functional tolerances according to EN1090-3:2008 Manufacturing-special tolerance: class m K according to EN 22768-1:1993 and EN 22768-2:1993	EN 1090-1:2009+A1:2011
Weldability	NPD – no applicable process	-
Fracture toughness	Steel: 27J (+20°C)	EN 10025-1:2004
Impact resistance	Aluminium: NPD – not required for aluminium products	-
Bearing capacity	PN-EN1999-1-1, see attached design assumptions and static calculations OT/BRI/016. Used National Annex for Poland	EN 1090-1:2009+A1:2011
Deformation in the serviceability limit state	PN-EN1993-1-1 i PN-EN1999-1-1, see attached conceptual design and static calculations OT/BRI/016. Used National Annex for Poland	
Fatigue strength	NPD	
Fire resistance	NPD - calculations OT/BRI/017	
Reaction to fire	Classified material. Class A1	
Secretion of cadmium and its compounds	NPD	EN 1090-1:2009+A1:2011
Radioactivity	NPD	
Durability	Category of environment's corrosivity C2 according to PN-EN ISO 12944-2, Steel : surface preparation: P1 according to EN ISO 8501-3; galvanized zinc coating according to PN-EN ISO 2081:2014 8 micrometers thick + powder coating with thickness of coating according to PN-EN ISO 2360 - 60 to 100 micrometers	
Execution	Aluminium : Surface preparation PN-EN 1090-3; powder coating with thickness of the coating according to PN-EN ISO 2360 - 60 to 100 micrometers	EN 1090-1:2009+A1:2011

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

**Artur Kruszewski,
Managing Director**

Opole, December 5th, 2025