

DECLARATION OF PERFORMANCE

No P/SB450/25

Unique identification code of the product-type:

P/SB450 – Steel and aluminum components and construction kits for the SB450 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	EXC2	EN 1090-1:2009+A1:2011
Tolerance of dimensions and shape	Steel: functional tolerances - class 2 according to EN 1090-2 Manufacturing special tolerance: class m according to EN 22768-1 and class K according EN 22768-2	EN 1090-1:2009+A1:2011
	Aluminium: functional tolerances - class 2 according to EN 1090-2 Manufacturing special tolerance: class m according to EN 22768-1 and class K according EN 22768-2	
Weldability	NPD – no applicable process	-
Fracture toughness	Steel: NPD – austenitic steel – met to -40°C acc. EN1993-1-4:2006+A1:2015	-
Impact resistance	Aluminium: NPD – not required for aluminium products	-
Bearing capacity	PN-EN 1999-1-1, according to documentation no 1 NW B4000_L6010_H3000	EN 1090-1:2009+A1:2011
Deformation in the serviceability limit state	PN-EN 1993-1-1 and PN-EN 1999-1-1, according to documentation no 1 NW B4000_L6010_H3000	
Fatigue strength	NPD	
Fire resistance	NPD	
Reaction to fire	Material classification. Class A1	
Secretion of cadmium and its compounds	NPD	
Radioactivity	NPD	
Durability	Category of environment's corrosivity C2 according to PN-EN ISO 9223 Steel: Corresponding to stainless steel - A2 Aluminium: Powder-coated, coating thickness min. 60 microns according to PN-EN ISO 2360:2017	

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 one above.

Signed for and on behalf of the manufacturer by:

Opole, December 5th, 2025



Artur Kruszewski,
Managing Director