DECLARATION OF PERFORMANCE
No P/SB400/25

Unique identification code of the product-type:

P/SB400 – Steel and aluminum components and construction kits for the SB400 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 1090-2:2018, EXC2 Aluminium: EN 1999-1-1:2007+A2:2013	EN 1090-1:2009+A1:2011
Tolerance of dimensions and shape	Steel: functional tolerances - class 2 according to EN 1090-2:2018 Manufacturing special tolerance: class m K according to EN 22768-1:1993 and EN 22768-2:1993	EN 1090-1:2009+A1:2011
	Aluminium: functional tolerances – EN 1090-3:2019 Manufacturing special tolerance: class m K according to EN 22768-1:1993 and EN 22768-2:1993	
Weldability	NPD – no applicable process	-
Fracture toughness Impact resistance	Steel: NPD – austenitic steel – met to -40^{0}C acc. EN1993-1-4:2006+A1:2015	-
	Aluminium: NPD – not required for aluminium products	-
Bearing capacity	PN-EN1999-1-1, see attached conceptual design and static calculations OWT/09/2019 (max. dimensions 7000x4000x3020 mm). 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 OWT/09/2019 (max. dimensions 7000x4000x3020 mm). Used National Annex for Poland	
Fatigue strength	NPD	
Fire resistance	NPD - calculations OWT/11I/2020	
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 12944-2 Aluminium: Surface preparation PN-EN 1090-3; powder coating with thickness of the coating according to PN-EN ISO 2360 - 60 to 100 micrometers	
Execution	According to specification no 620.000.000 and EN 1090-2 and EN 1090-3	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 identifieonego powyżej.

Signed for and on behalf of the manufacturer by:

Opole, December 5th, 2025

Artur Kruszewski,
Managing Director