

DECLARATION OF PERFORMANCE No P/SB400+OS/25

Unique identification code of the product-type:

P/SB400+OS – Steel and aluminum components and construction kits for the SB400 pergola with the Open Slide system.

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 according to EN 1090-2:2018, EXC2 Aluminium according to EN 1999-1-1:2007+A2:2013 | EN 1090-1:2009+A1:2011 |
| Dimensional and shape tolerances | Steel: functional tolerances - class 2 according to EN 1090-2:2018 Manufacturing tolerances -special: 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 tolerances -special: class m K according to EN 22768-1:1993 and EN 22768-2:1993 | |
| Weldability | NPD - no process | - |
| Resistance to brittle fracture Impact resistance | steel: NPD - austenitic steel - fulfilled up to -40°C according to EN1993-1-4:2006+A1:2015 | - |
| | Aluminium: NPD - not required for aluminium products | - |
| Load capacity | EN1999-1-1, see the attached design assumptions and static calculations: OWT/01/2025 (max. size 7000x4000x3020 mm)-Open Slide versions. NDP for Poland applied | EN 1090-1:2009+A1:2011 |
| Deformation at the serviceability limit state | EN1993-1-1 and EN1999-1-1, see the attached design assumptions and static calculations: OWT/01/2025 (max. size 7000x4000x3020 mm)-Open Slide versions. NDP for Poland applied | |
| Fatigue strength | NPD | |
| Fire resistance | NPD - OWT/11/2020 calculations | |
| Reaction to fire | Classified material. Class A1 | |
| Release of cadmium and its compounds | NPD | |
| Radioactivity | NPD | |
| Sustainability | Environmental corrosivity category C2 according to EN ISO 12944-2 Steel: surface preparation: Sa 2 1/2 according to EN ISO 12944-4; zinc electroplated coating according to EN ISO 2081 with a thickness of 12 micrometers + primer + powder coating with a coating thickness according to EN ISO 2360 - 60 to 100 micrometers. Aluminium: Surface preparation according to EN 1090-3; powder-coating according to EN ISO 2360 - 60 to 100 micrometers | |
| Execution | In accordance with specification No. 620.000.000 and EN 1090-2 and EN 1090-3 | |

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