

DECLARATION OF PERFORMANCE

No. 020CPR2024-12-12

1. Product-type:

Three-dimensional nailing plates

2. Identification codes:

71160 (4741280711601)

71205 (4741280712059)

71254 (4741280712547)

71161 (4741280711618)

71252 (4741280712523)

71255 (4741280712554)

71203 (4741280712035)

71253 (4741280712530)

71256 (4741280712561)

3. Intended use:

Angle bracket for wood-to-wood connections

4. Manufacturer:

Arras Construction Furniture OÜ

Valli tee 17

75413, Vaela küla, Kiili vald

Estonia

5. System of assessment of performance:

System 2+

6. European Assessment Document (EAD):

EAD 130186-00-0603, issued in July 2018

European Technical Assessment:

ETA 11/0485, issued on 11.09.2023

Technical Assessment Body:

ETA Danmark A/S

Notified body:

NB 1336 Inspecta Estonia OÜ

Factory Production Control (FPC): 1336-CPR-0155

7. Declared performances:

| Essential characteristics | Performance | Harmonised technical specification |
|--|---|------------------------------------|
| Mechanical resistance and stability | | |
| Characteristic load-carrying capacity | See ETA 11/0485 Annex B | EAD 130186-00-0603 / July 2018 |
| Stiffness | See ETA 11/0485 Annex B | EAD 130186-00-0603 / July 2018 |
| Ductility in cyclic testing | NPD* | EAD 130186-00-0603 / July 2018 |
| Resistance to seismic actions | NPD | EAD 130186-00-0603 / July 2018 |
| Resistance to corrosion and deterioration | Corrosion protection in service class 3. In accordance with Eurocode 5 the angle brackets are made from stainless steel 1.4301, 1.4307, 1.4401, and 1.4404 according to EN 10088-2 / EN10088-4 and the nails shall be produced from stainless steel. | EAD 130186-00-0603 / July 2018 |
| Safety in case of fire | | |
| Reaction to fire | The angle brackets are made from steel classified as Euroclass A1 in accordance with EN 13501-1 and Commission Delegated Regulation 2016/364. | EAD 130186-00-0603 / July 2018 |
| Resistance to fire | NPD | EAD 130186-00-0603 / July 2018 |

*NPD= No Performance Determined

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of the manufacturer by:

Kiili vald, 12.12.2024



Kristi Voorel
Quality Manager