

DECLARATION OF PERFORMANCE

No. 007CPR2022-11-04/1

1. Product-type:

Three-dimensional nailing plates

2. Identification codes:

71106 (4741280711069)

71118 (4741280711182)

71121 (4741280711212)

71126 (4741280711267)

71163 (4741280711632)

71164 (4741280711649)

71202 (4741280712028)

71204 (4741280712042)

71207 (4741280712073)

71209 (4741280712097)

71301 (4741280713018)

71312 (4741280713124)

71415 (4741280714152)

71416 (4741280714169)

71420 (4741280714206)

71436 (4741280714367)

71439 (4741280714398)

74845 (4741280748454)

74846 (4741280748461)

75607 (4741280756077)

75612 (4741280756121)

3. Intended use:

Angle bracket for timber to timber, timber to steel or timber to concrete 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 11/0017, issued on 31.10.2022

Technical Assessment Body:

ETA Danmark A/S

Notified body:

NB 1336 Inspecta Estonia OÜ

Factory Production Control (FPC): 1336-CPR-0154

7. Declared performances:

Essential characteristics	Performance	European Technical Assessment
Mechanical resistance and stability		
Characteristic load-carrying capacity	See ETA 11/0017 Annex B	EAD 130186-00-0603 / July 2018
Stiffness	NPD*	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	The angle brackets have been assessed as having satisfactory durability and serviceability when used in timber structures using the timber species described in Eurocode 5 and subject to the conditions defined by service class 1 and 2 The angle brackets can also be used in outdoor timber structures, service class 3, when a corrosion protection in accordance with Eurocode 5 is applied, or when stainless steel with similar or better characteristic yield and ultimate strength is employed.	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, 04.11.2022



Lauri Kivi
 CEO
 Member of the Board



Kristi Voorel
 Quality Manager