

# DECLARATION OF PERFORMANCE

No. 007CPR2023-09-14/1

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1. Product-type:

**Three-dimensional nailing plates**

2. Identification codes:

<b>71106</b> (4741280711069)	<b>71204</b> (4741280712042)	<b>71420</b> (4741280714206)
<b>71118</b> (4741280711182)	<b>71207</b> (4741280712073)	<b>71436</b> (4741280714367)
<b>71121</b> (4741280711212)	<b>71209</b> (4741280712097)	<b>71439</b> (4741280714398)
<b>71126</b> (4741280711267)	<b>71301</b> (4741280713018)	<b>74845</b> (4741280748454)
<b>71163</b> (4741280711632)	<b>71312</b> (4741280713124)	<b>74846</b> (4741280748461)
<b>71164</b> (4741280711649)	<b>71415</b> (4741280714152)	<b>75607</b> (4741280756077)
<b>71202</b> (4741280712028)	<b>71416</b> (4741280714169)	<b>75612</b> (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 11.09.2023**

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
<b>Mechanical resistance and stability</b>		
Characteristic load-carrying capacity	See ETA 11/0017 Annex B	EAD 130186-00-0603 / July 2018
Stiffness	See ETA 11/0017 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 1 and 2. In accordance with EAD 130186-00-0603 the angle brackets are made from pre-galvanized steel are made from pre-galvanized steel DX 51 D or S250GD / Z 275 according to EN 10346. 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
<b>Safety in case of fire</b>		
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, 14.09.2023**



**Kristi Voorel**  
 Quality Manager