

# DECLARATION OF PERFORMANCE

No. 014CPR2022-11-04/2

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1. Product-type:  
**Three-dimensional nailing plates**

2. Identification codes:

<b>71101</b> (4741280711014)	<b>71326</b> (4741280713261)	<b>71551</b> (4741280715517)
<b>71102</b> (4741280711021)	<b>71327</b> (4741280713278)	<b>71552</b> (4741280715524)
<b>71103</b> (4741280711038)	<b>71328</b> (4741280713285)	<b>71553</b> (4741280715531)
<b>71104</b> (4741280711045)	<b>71329</b> (4741280713292)	<b>71554</b> (4741280715548)
<b>71105</b> (4741280711052)	<b>71332</b> (4741280713322)	<b>71555</b> (4741280715555)
<b>71107</b> (4741280711076)	<b>71333</b> (4741280713339)	<b>71556</b> (4741280715562)
<b>71109</b> (4741280711090)	<b>71335</b> (4741280713353)	<b>73001</b> (4741280730015)
<b>71112</b> (4741280711120)	<b>71340</b> (4741280713407)	<b>73002</b> (4741280730022)
<b>71115</b> (4741280711151)	<b>71345</b> (4741280713452)	<b>73006</b> (4741280730060)
<b>71116</b> (4741280711168)	<b>71402</b> (4741280714022)	<b>73007</b> (4741280730077)
<b>71127</b> (4741280711274)	<b>71460</b> (4741280714602)	<b>73104</b> (4741280731043)
<b>71131</b> (4741280711311)	<b>71461</b> (4741280714619)	<b>73107</b> (4741280731074)
<b>71132</b> (4741280711328)	<b>71462</b> (4741280714626)	<b>73111</b> (4741280731111)
<b>71210</b> (4741280712103)	<b>71463</b> (4741280714633)	<b>73201</b> (4741280732019)
<b>71304</b> (4741280713049)	<b>71464</b> (4741280714640)	<b>73202</b> (4741280732026)
<b>71305</b> (4741280713056)	<b>71465</b> (4741280714657)	<b>73203</b> (4741280732033)
<b>71306</b> (4741280713063)	<b>71466</b> (4741280714664)	<b>73605</b> (4741280736055)
<b>71307</b> (4741280713070)	<b>71467</b> (4741280714671)	<b>73606</b> (4741280736062)
<b>71308</b> (4741280713087)	<b>71468</b> (4741280714688)	<b>73609</b> (4741280736093)
<b>71311</b> (4741280713117)	<b>71469</b> (4741280714695)	<b>73610</b> (4741280736109)
<b>71320</b> (4741280713209)	<b>71470</b> (4741280714701)	<b>73612</b> (4741280736123)
<b>71321</b> (4741280713216)	<b>71502</b> (4741280715029)	<b>73622</b> (4741280736222)
<b>71322</b> (4741280713223)	<b>71506</b> (4741280715067)	<b>73623</b> (4741280736239)
<b>71323</b> (4741280713230)	<b>71507</b> (4741280715074)	<b>73624</b> (4741280736246)
<b>71324</b> (4741280713247)	<b>71510</b> (4741280715104)	<b>74402</b> (4741280744029)
<b>71325</b> (4741280713254)	<b>71512</b> (4741280715128)	<b>74406</b> (4741280744067)

3. Intended use:  
**Angle bracket for timber-to-timber and 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 20/0273, issued on 19/08/2022**

Technical Assessment Body:  
**Eurofins Expert Services Oy**

Notified body:  
**NB 1336 Inspecta Estonia OÜ**  
**Factory Production Control (FPC): 1336-CPR-0213**

7. Declared performances:

Essential characteristics	Performance	European Technical Assessment
<b>Mechanical resistance and stability</b>		EAD 130186-00-0603 / July 2018
Characteristic load-carrying capacity	See ETA 20/0273 Annex 2	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 (EN 1995-1-1: 2004) and subject to the conditions defined by service class 1 and 2. Angle brackets manufactured from stainless steel can also be used in service class 3 provided that also the nails and screws used together with them are made of 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 to have reaction to fire class A1 according to EN 13501-1.	EAD 130186-00-0603 / July 2018
Resistance to fire	NPD	EAD 130186-00-0603 / July 2018

\*NPD = No Performance Determined



**ARRAS**

CONSTRUCTION FURNITURE

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, 25.04.2023**

**Kristi Voorel**  
Quality Manager