

DECLARATION OF PERFORMANCE

No. 033CPR2025-02-20

1. Product-type:

Three-dimensional nailing plates

2. Identification codes:

71101 (4741280711014)	71324 (4741280713247)	71556 (4741280715562)
71102 (4741280711021)	71325 (4741280713254)	73001 (4741280730015)
71103 (4741280711038)	71326 (4741280713261)	73002 (4741280730022)
71104 (4741280711045)	71327 (4741280713278)	73003 (4741280730039)
71105 (4741280711052)	71328 (4741280713285)	73004 (4741280730046)
71107 (4741280711076)	71329 (4741280713292)	73006 (4741280730060)
71109 (4741280711090)	71332 (4741280713322)	73007 (4741280730077)
71112 (4741280711120)	71333 (4741280713339)	73104 (4741280731043)
71115 (4741280711151)	71335 (4741280713353)	73107 (4741280731074)
71116 (4741280711168)	71340 (4741280713407)	73111 (4741280731111)
71127 (4741280711274)	71341 (4741280713414)	73201 (4741280732019)
71131 (4741280711311)	71342 (4741280713421)	73202 (4741280732026)
71132 (4741280711328)	71345 (4741280713452)	73203 (4741280732033)
71304 (4741280713049)	71402 (4741280714022)	73605 (4741280736055)
71305 (4741280713056)	71502 (4741280715029)	73606 (4741280736062)
71306 (4741280713063)	71506 (4741280715067)	73609 (4741280736093)
71307 (4741280713070)	71507 (4741280715074)	73610 (4741280736109)
71308 (4741280713087)	71510 (4741280715104)	73612 (4741280736123)
71309 (4741280713094)	71512 (4741280715128)	73622 (4741280736222)
71311 (4741280713117)	71551 (4741280715517)	73623 (4741280736239)
71320 (4741280713209)	71552 (4741280715524)	73624 (4741280736246)
71321 (4741280713216)	71553 (4741280715531)	73652 (4741280736529)
71322 (4741280713223)	71554 (4741280715548)	74402 (4741280744029)
71323 (4741280713230)	71555 (4741280715555)	74406 (4741280744067)

3. Intended use:

Angle bracket for timber-to-timber and timber-to-concrete connections

4. Manufacturer:
Arras 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 14/01/2025

Technical Assessment Body:
Eurofins Expert Services Oy

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

7. Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance and stability		
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	Corrosion protection in service class 1 and 2. In accordance with EAD 130186-00-0603 the angle brackets are made from pre-galvanized steel DX51D + Z275 or S250GD + Z275 according to EN 10346.	EAD 130186-00-0603 / July 2018
Safety in case of fire		
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

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, 20.02.2025



Henry-Stiven Villems
CEO