

# DECLARATION OF PERFORMANCE

No. 043CPR2026-01-05

1. Product-type:

**Three-dimensional nailing plates**

2. Identification codes:

|                              |                              |                              |
|------------------------------|------------------------------|------------------------------|
| <b>71101</b> (4741280711014) | <b>71325</b> (4741280713254) | <b>71556</b> (4741280715562) |
| <b>71102</b> (4741280711021) | <b>71326</b> (4741280713261) | <b>73001</b> (4741280730015) |
| <b>71103</b> (4741280711038) | <b>71327</b> (4741280713278) | <b>73002</b> (4741280730022) |
| <b>71104</b> (4741280711045) | <b>71328</b> (4741280713285) | <b>73003</b> (4741280730039) |
| <b>71105</b> (4741280711052) | <b>71329</b> (4741280713292) | <b>73004</b> (4741280730046) |
| <b>71107</b> (4741280711076) | <b>71332</b> (4741280713322) | <b>73006</b> (4741280730060) |
| <b>71109</b> (4741280711090) | <b>71333</b> (4741280713339) | <b>73007</b> (4741280730077) |
| <b>71112</b> (4741280711120) | <b>71335</b> (4741280713353) | <b>73104</b> (4741280731043) |
| <b>71115</b> (4741280711151) | <b>71339</b> (4741280713391) | <b>73107</b> (4741280731074) |
| <b>71116</b> (4741280711168) | <b>71340</b> (4741280713407) | <b>73111</b> (4741280731111) |
| <b>71127</b> (4741280711274) | <b>71341</b> (4741280713414) | <b>73201</b> (4741280732019) |
| <b>71131</b> (4741280711311) | <b>71342</b> (4741280713421) | <b>73202</b> (4741280732026) |
| <b>71132</b> (4741280711328) | <b>71345</b> (4741280713452) | <b>73203</b> (4741280732033) |
| <b>71304</b> (4741280713049) | <b>71402</b> (4741280714022) | <b>73605</b> (4741280736055) |
| <b>71305</b> (4741280713056) | <b>71502</b> (4741280715029) | <b>73606</b> (4741280736062) |
| <b>71306</b> (4741280713063) | <b>71506</b> (4741280715067) | <b>73609</b> (4741280736093) |
| <b>71307</b> (4741280713070) | <b>71507</b> (4741280715074) | <b>73610</b> (4741280736109) |
| <b>71308</b> (4741280713087) | <b>71510</b> (4741280715104) | <b>73612</b> (4741280736123) |
| <b>71309</b> (4741280713094) | <b>71512</b> (4741280715128) | <b>73622</b> (4741280736222) |
| <b>71311</b> (4741280713117) | <b>71516</b> (4741280715166) | <b>73623</b> (4741280736239) |
| <b>71320</b> (4741280713209) | <b>71551</b> (4741280715517) | <b>73624</b> (4741280736246) |
| <b>71321</b> (4741280713216) | <b>71552</b> (4741280715524) | <b>73652</b> (4741280736529) |
| <b>71322</b> (4741280713223) | <b>71553</b> (4741280715531) | <b>74402</b> (4741280744029) |
| <b>71323</b> (4741280713230) | <b>71554</b> (4741280715548) | <b>74406</b> (4741280744067) |
| <b>71324</b> (4741280713247) | <b>71555</b> (4741280715555) |                              |

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 29/12/2025**

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 |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>Mechanical resistance and stability</b> |                                                                                                                                                                                                    |                                    |
| 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.<br>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     |
| <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

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, 05.01.2026**



**Henry-Stiven Villem**  
CEO