

DECLARATION OF PERFORMANCE

No. 032CPR2025-02-20

1. Product-type:

Three-dimensional nailing plates

2. Identification codes:

72101 (4741280721013)	72105 (4741280721051)	72109 (4741280721099)
72102 (4741280721020)	72106 (4741280721068)	72110 (4741280721105)
72103 (4741280721037)	72107 (4741280721075)	72111 (4741280721112)
72104 (4741280721044)	72108 (4741280721082)	72112 (4741280721129)

3. Intended use:

Anchors for timber to timber, timber to steel or 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 17/0244, 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-0166

7. Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance and stability		
Characteristic load-carrying capacity	See ETA 17/0244 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 purlin anchors 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	EAD 130186-00-0603 / July 2018
Safety in case of fire		
Reaction to fire	The purlin anchors 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