



# Declaration of Performance

No. 013CPR2017-06-16

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| 1. Product-type:                        | Purlin anchor  |
| 2. Identification codes:                | 72101; 72102; 72103; 72104; 72105; 72106; 72107; 72108<br>72109; 72110; 72111; 72112                               |
| 3. Intended use:                        | Three-dimensional nailing plates (anchors for timber-to-timber, timber-to-steel or timber-to-concrete connections) |
| 4. Manufacturer:                        | Arras Construction Furniture OÜ<br>Veerne 23<br>11625, Tallinn<br>Estonia  |
| 5. System of assessment of performance: | System 2+  |
| 6. Approval body:                       | VTT Expert Services LTD<br>Kemistintie 3, Espoo<br>P.O.BOX 1001, FI-02044 VTT<br>Finland                           |
| European Technical Assessment:          | ETA 17/0244  |
| European Assessment Document (EAD):     | ETAG015 (EAD)  |
| 7. Notified body:                       | Inspecta Estonia OÜ<br>Identification No: 1336<br>Teaduspargi 8, 12618<br>Tallinn, Estonia                         |
| Factory Production Control (FPC):       | 1336-CPR-0166-01   |

## 8. Declared performances

Essential characteristics	Performance	European Technical Assessment
<b>Mechanical resistance and stability*)</b>		
Characteristic load-carrying capacity	See ETA 17/0244 Annex B	ETAG 015 / November 2012
Stiffness	NPD (No Performance Determined)	ETAG 015 / November 2012
Ductility in cyclic testing	NPD	ETAG 015 / November 2012
<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 1350-1 and EC decision 96/603/EC, amended by EC Decision 2000/605/EC	ETAG 015 / November 2012
<b>Hygiene, health and the environment</b>		
Influence on air quality	No dangerous materials (**)	ETAG 015 / November 2012
<b>Safety in use</b>	Not relevant	ETAG 015 / November 2012
<b>Protection against noise</b>	Not relevant	ETAG 015 / November 2012
<b>Energy economy and heat retention</b>	Not relevant	ETAG 015 / November 2012
<b>Related aspects of serviceability</b>		
Durability and serviceability	The purlin anchor have been assessed as having satisfactory durability and serviceability when used in timber structures using the timber species described in Eurocode 5 and subject to the conditions defined by service class 1 and 2	ETAG 015 / November 2012
Identification	See ETA 17/0244 Annex A	ETAG 015 / November 2012

\*) See additional information in sections 3.1- 3.4.

\*\*) In accordance with <http://europa.eu.int/-/comm/enterprise/construction/internal/dangsub/dangmain.htm> In addition to the specific clauses relating to dangerous substances contained in this European Technical Approval, there may be other requirements applicable to the products falling within its scope (e.g. transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the EU Construction Products Directive, these requirements need also to be complied with, when and where they apply

## 9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of the manufacturer by:

Authorized by: **Lauri Kivi**  
Position: **Quality Manager**

Signature: 

Date: **05.09.2019 (Tallinn)**