



## Declaration of Performance

No. 007CPR2018-03-15

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|--|---|
| 1. Product-type:                           | Angle bracket   |
| 2. Identification codes:                   | 71106; 71118; 71121; 71126; 71163; 71164; 71202; 71204<br>71207; 71209; 71301; 71312; 71436; 71439; 71415; 71416<br>71420; 74845; 74846; 75607; 75612 |
| 3. Intended use:                           | Three-dimensional nailing plates (angle bracket for<br>timber to timber, timber to steel or timber to concrete<br>connections)                        |
| 4. Manufacturer:                           | Arras Construction Furniture OÜ<br>Veerme 23<br>11625, Tallinn<br>Estonia   |
| 5. System of assessment<br>of performance: | System 2+   |
| 6. Approval body:                          | ETA Danmark A/S<br>Kollegievej 6 DK-2920<br>Charlottenlund, Denmark   |
| European Technical<br>Assessment:          | ETA 11/0017   |
| European Assessment<br>Document (EAD):     | ETAG015   |
| 7. Notified body:                          | Inspecta Estonia OÜ<br>Identification No: 1336<br>Teaduspargi 8, 12618<br>Tallinn, Estonia  |
| Factory Production<br>Control (FPC):       | 1336-CPR-0154   |

## 8. Declared performances

Essential characteristics	Performance	European Technical Assessment
<b>Mechanical resistance and stability*)</b>		
Characteristic load-carrying capacity	See ETA 11/0017 Annex B	ETAG 015 / 22.04.2013
Stiffness	NPD (No Performance Determined)	ETAG 015 / 22.04.2013
Ductility in cyclic testing	NPD	ETAG 015 / 22.04.2013
<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 / 22.04.2013
<b>Hygiene, health and the environment</b>		
Influence on air quality	No dangerous materials **)	ETAG 015 / 22.04.2013
<b>Safety in use</b>	Not relevant	ETAG 015 / 22.04.2013
<b>Protection against noise</b>	Not relevant	ETAG 015 / 22.04.2013
<b>Energy economy and heat retention</b>	Not relevant	ETAG 015 / 22.04.2013
<b>Related aspects of serviceability</b>		
Durability and serviceability	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 and subject to the conditions defined by service class 1 and 2. The angle brackets can also be used in outdoor timber structures, service class 3, when a corrosion protection in accordance with Eurocode 5 is applied, or when stainless steel with similar or better characteristic yield and ultimate strength is employed.	ETAG 015 / 22.04.2013
Identification	See ETA 11/0017 Annex A	ETAG 015 / 22.04.2013

\*) See page 5 of this ETA

\*\*) 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: **Mario Metsoja**  
Position: **Quality manager**

Signature:



Date: **15.03.2018 (Tallinn)**