



Declaration of Performance

No. 003CPR2013-06-19

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| 1. Product-type: | Joist hanger |
| 2. Identification: | Outside type: blank 283; 260; 320; 380; 440; 500(mm)
Inside type: blank 283; 260; 320; 380; 440(mm)

Outside (hooks): blank 283; 260; 320; 380; 440; 500(mm)
Inside (hooks): blank 283; 260; 320; 380; 440(mm) |
| 3. Intended use: | Three-dimensional nailing plates (angle bracket for wood to wood connections) |
| 4. Manufacturer: | Arras Construction Furniture OÜ
Tähetorni 100A
11625, Tallinn
Estonia |
| 5. System of assessment of performance: | System 2+ |
| 6. Approval body: | ETA Danmark A/S
Kollegievej 6 DK-2920
Charlottenlund, Denmark |
| European Technical Assessment: | ETA 11/0478 |
| European Assessment Document (EAD): | ETAG015 |
| 7. Notified body: | Bureau Veritas Eesti OÜ
Identification No: 2176
Tartu mnt 24-24B
10115 Tallinn, Estonia |
| Factory Production Control (FPC): | 2176-CPD-1212713 |

8. Declared performances

Essential characteristics	Performance	European Technical Assessment
Mechanical resistance and stability*)		
Characteristic load-carrying capacity	See ETA 11/0478 Annex B	ETAG 015 / September 2002
Stiffness	NPD (No Performance Determined)	ETAG 015 / September 2002
Ductility in cyclic testing	NPD	ETAG 015 / September 2002
Safety in case of fire		
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 / September 2002
Hygiene, health and the environment		
Influence on air quality	No dangerous materials (**)	ETAG 015 / September 2002
Safety in use		
Protection against noise	Not relevant	ETAG 015 / September 2002
Energy economy and heat retention		
Related aspects of serviceability		
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	ETAG 015 / September 2002
Identification	See ETA 11/0478 Annex A	ETAG 015 / September 2002

*) 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: **Product Manager**

Signature:



Date: **19.06.2013 (Tallinn)**