

Declaration of Performance

No. 009CPR2019-04-12



1. Product-type: Joist hanger

2. Identification: Outside type:

Blank: 238 (mm) Art: 72201; 72220; 72228; 72233; 72270; 72271; 72272; 72273; 72285; 72286; 72289

Blank: 260 (mm) Art: 72202; 72205; 72209; 72221; 72236; 72241; 72250; 72280; 72281; 72287; 72290

Blank: 320 (mm) Art: 72203; 72206; 72210; 72212; 72219; 72227; 72231; 72232; 72234; 72242; 72245; 72282; 72284; 72288; 72291

Blank: 380 (mm) Art: 72204; 72207; 72211; 72213; 72223; 72225; 72237; 72243; 72246; 72248; 72274; 72275; 72283

Blank: 440 (mm) Art: 72208; 72214; 72218; 72222; 72226; 72235; 72238; 72244; 72247; 72249

Blank: 500 (mm) Art: 72215

Inside type:

Blank: 238 (mm) Art: 72309; 72315; 72329

Blank: 260 (mm) Art: 72303; 72314; 72316; 72318; 72351; 72352

Blank: 320 (mm) Art: 72302; 72304; 72306; 72317; 72319; 72322; 72330; 72353

Blank: 380 (mm) Art: 72301; 72305; 72308; 72311; 72313; 72328; 72354

Blank: 440 (mm) Art: 72312; 72321; 72323; 72324; 72325; 72327

Outside type (with hooks):

Blank: 238 (mm) Art: 75201; 75205; 75210; 75215

Blank: 260 (mm) Art: 75202; 75206; 75211; 75216; 75221; 75225; 75241

Blank: 320 (mm) Art: 75203; 75204; 75207; 75212; 75217; 75222; 75226; 75227; 75230; 75233; 75236

Blank: 380 (mm) Art: 75208; 75213; 75218; 75223; 75228; 75231; 75234; 75237; 75239; 75242

Blank: 440 (mm) Art: 75209; 75214; 75219; 75224; 75229; 75232; 75235; 75238; 75240; 75243

Blank: 500 (mm) Art: 75244

Inside type (with hooks):

Blank: 238 (mm) Art: 75303; 75307

Blank: 260 (mm) Art: 75301; 75308; 75312

Blank: 320 (mm) Art: 75302; 75304; 75305; 75309; 75315; 75317; 75319

Blank: 380 (mm) Art: 75306; 75310; 75313; 75321; 75322

Blank: 440 (mm) Art: 75311; 75314; 75316; 75318; 75320; 75323

- 3. Intended use:** Three-dimensional nailing plates (joist hanger for wood to wood and wood to concrete or steel connections)
- 4. Manufacturer:** Arras Construction Furniture OÜ
Veeme 23
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:** Inspecta Estonia OÜ
Identification No: 1336
Teaduspargi 8, 12618
Tallinn, Estonia
- Factory Production Control (FPC):** 1336-CPR-0156

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 / 22.04.2013
Stiffness	NPD (No Performance Determined)	ETAG 015 / 22.04.2013
Ductility in cyclic testing	NPD	ETAG 015 / 22.04.2013
Safety in case of fire		
Reaction to fire	The angle brackets are made from steel classified as Euroclass A1 in accordance with EN 13501-1 and European Commission Delegated Regulation 2016/364 of 1 July 2015	ETAG 015 / 22.04.2013
Hygiene, health and the environment		
Influence on air quality	No dangerous materials **)	ETAG 015 / 22.04.2013
Safety in use	Not relevant	ETAG 015 / 22.04.2013
Protection against noise	Not relevant	ETAG 015 / 22.04.2013
Energy economy and heat retention	Not relevant	ETAG 015 / 22.04.2013
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 / 22.04.2013
Identification	See ETA 11/0478 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: **Lauri Kivi**
Position: **Quality Manager**

Signature: 

Date: **05.09.2019 (Tallinn)**