

DECLARATION OF PERFORMANCE

DOP No. 30-16618/5/JP

1. **Unique product type identification code:** Construction nails Ø 3,1mm
2. **Type, serial number or other identifying element of the construction product:** Nails (construction, roofing); ø 2.8 mm, round head, smooth shank, material: carbon steel Q195, surface treatment: uncoated or white zinc (galvanically galvanized), (3 - 5) µm, Service class 1 according to EN 1995-1-1.
3. **Intended use or uses of the construction product in accordance with the relevant harmonised technical specification as foreseen by the manufacturer:** Nail for timber structures
4. **Name, company name or registered trade mark and contact address of the manufacturer pursuant to Article 111(5):**

Mekr's s.r.o.**Anny Letenské 34/7****120 00 Praha 2**

5. **Assessment and verification system of constancy of performance of the construction product:**

In accordance with point 1.4(b) System 3 Annex V of Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011.

6. **Name and identification number of the Notified Body:**

Strojírenský zkušební ústav, s.p.
Oznámený subjekt 1015

Carried out the product type determination on the basis of the type test in accordance with the requirement of point 1.4 System 3 Annex V of Regulation (EU) of the European Parliament and of the Council of 9 March 2011 (Construction Products Regulation, or CRP), determined the performance of essential product characteristics according to harmonized standard EN 14952:2008+A1:2012, Tab. ZA.1, and issued a report on assessment of the performance of construction product no. 30-16618/5/JP.

7. **Applied regulations:**

EN 14592:2008+A1:2012, Regulation No 305/2011 of the European Parliament (CRP), EN 1995-1-1, Report on Assessment of the Performance of Construction Product No č.30-16618/5/JP.

8. **Performance:**

Product	Characteristic yield moment $M_{y,k}$ [Nmm]	Characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²]		Characteristic head pull-through parameter $f_{head,k}$ [N/mm ²]	Characteristic tensile capacity $f_{tens,k}$ [kN]
-	45°	perpendicular to the grain	parallel to the grain	-	-
Nail (construction) Ø3,1mm	4496	2,44	1,96	31,81	4,83
Characteristic density of wood [kg/m ³]	-	350		350	-
Durability (i.e. corrosion protection)	Service class 1 means no requirement for the thickness of the surface treatment layer. Requirement met				

9. The performance of the product referred to in points 1 and 2 is in conformity with the performance referred to in point 8.

This Declaration of Performance is issued under the sole responsibility of the manufacturer referred to in point 4.

10. Signed on behalf of the manufacturer:

Jan Melichar
Executive Manager

MEKR'S, s.r.o.
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podpis, razítko