

DECLARATION OF PERFORMANCE

Nr H-J-30-20061-12

1. Unique identification code of the product-type: 2,1 - 3,1 AR
2. Serial number 2,1 - 3,1 AR
3. Intended use or uses of the construction product in accordance with the applicable harmonised technical specification as foreseen by the manufacturer: Nails for structural timber products
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to article 11(5): HERCO Sp. z o.o.
Cielądz 28C, 96-214 Cielądz, Polska
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex 5: 3
7. STROJIRENSKY ZKUSEBNI USTAV, s.p. Tovarni 5, 466 21 JABLONEC nad Nisou, Czech Republic, Notified body 1015
 Performed under system and issued Initial type test
3
Initial type test final report No.
30-9608
9. Declared performance:
 HARMONISED TECHNICAL SPECIFICATION EN 14592:2008 + A1:2012

Product	Lenght [mm]	Yeld moment $M_{y,k}$ [Nmm]	Withdrawal parameter $f_{ax,90,k}$ [N/mm ²]	Withdrawal parameter $f_{ax,0,k}$ [N/mm ²]	Head pull-through $f_{head,k}$ [N/mm ²]	Tensile capacity $f_{tens,k}$ [kN]
2,1 mm RING	25-60	1444	13,74	4,35	50,59 ¹	1,85
2,3 mm RING	30-65	1649	15,27	3,97	44,30 ²	2,52
2,5 mm RING	25-75	2241	15,89	4,16	42,72 ²	3,11
2,8 mm RING	30-90	3235	17,49	8,73	43,52 ²	4,19
3,1 mm RING	45-100	4472	17,82	7,34	40,57 ²	5,17
Density of wood [kg/m ³]	-	-	415	415	¹ 553, ² 515	-
Durability (corrosion protection):	> Without coating or standard galvanization 8 μ (Service class 1 acc. to EN 1995-1-1), > Galvanization minimum 12 μ (Service class 2 acc. to EN 1995-1-1), > Hot dip galvanization minimum 55 μ (Service class 3 acc. to EN 1995-1-1)					

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

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

Signed for and on behalf of the manufacturer by:

Marcin Skóra, Director
2014-04-01, Cielądz, Polska
