

DECLARATION OF PERFORMANCE

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1. Unique identification code of the product-type: 3,4 - 4,6 SM, SC, AR
2. Serial number 3,4 - 4,6 SM, SC, 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 adress 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 report No.
30-9676/2
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]
		THREAD	SMOOTH				
-	-	THREAD	SMOOTH	-	-	-	-
3,4 mm SMOOTH	50-160	-	5975	2,89	1,68	33,3 ¹	5,91
3,4 mm SCREW		5857	5997	4,50	2,57	33,06 ¹	5,81
3,4 mm RING		5146	5984	11,20	5,24	34,98 ¹	5,77
3,8mm SMOOTH		-	8616	3,42	1,76	29,89 ²	7,81
3,8 mm SCREW		7912	8212	3,71	1,46	26,78 ²	7,11
3,8 mm RING		7283	8197	11,07	4,47	29,96 ²	6,99
4,2 mm SMOOTH		-	10525	2,99	1,70	27,80 ³	8,33
4,2 mm SCREW		10370	10383	4,22	2,00	26,25 ³	8,20
4,2 mm RING		9700	10801	10,18	4,38	26,38 ³	8,18
4,6 mm SMOOTH		-	12898	2,63	1,59	26,25 ³	9,41
Density of wood [kg/m ³]	-	-	430	430	¹ 490, ² 440, ³ 400	-	
Durability (corrosion protection):	> Without coating or standard galvanization 8μ (Service class 1 acc. to EN 1995-1-1), > Galvanization minimum 12μ (Service class 2 acc. to EN 1995-1-1), > Hot dip galvanization minimum 55μ - Except 4,6 mm nails - (Service class 3 acc. to EN 1995-1-1)						



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Partner of the FastHercoGroup

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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