



Declaration of Performance	DOP -	EU_28_RRSS316_B
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Product Type 1.

4.

Stainless Steel Ring Shank Timber Nails

- Identification RH28R 2.
- 3. Intended Use
 - For Structural Timber Products
 - Manufacturer Stanley Black & Decker bvba; Kanaalweg 112 IZ Ravenshout Zone 3, 3980 Tessenderlo, Belgium n/a
- 5. Representative

6. Assessment and Verification of Constancy of Performance

7., 8. Technical Specifications & Notified Bodies

Task Performed	Performed By	NB #	System of Assessment	Report	EN Standard
Initial Type Testing	VHT	1503	3	659-10/2,8- rf	EN14592:2008+A1:2012
Factory Production Control	Stanley Black & Decker	-	3	-	-

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9. **Declared Performance**

Dimensions

Corrosion Protection

Diameter - d Head Area - Ah Length - L	2.8 mm 40.7 mm² 40-90 mm	Profile Length - Lg Point Length - Lp Coated Length - Lcoat	> 4.5d 0.5d ² Lp ² 2.5d > 0.5L
Durability			Harmonized Technical Specification
Material		Stainless Steel	EN14592:2008+A1:2012 - Clause 6.1.2 in accordance with EN10088
Tensile Strength		Minimum 700 N/mm ²	EN14592:2008+A1:2012 - Clause 6.1.2 in accordance with EN10218-1

Service Class 3: Stainless Steel Đ AISI 316

Mechanical Strength and Stiffness

Yield Moment	$M_{y,k} = 1.96 \text{Nm}$	EN14592:2008+A1:2012 - Clause 6.1.4.2
	$y_{,k} = 1.50$ Mill	Tested to EN 409
Withdrawal Parameter	f = acru	EN14592:2008+A1:2012 Clause 6.1.4.3
in timber of characteristic density 350 kg/m_ With coating NONE	$\int_{ax,k} = 8.95 \text{ N/mm}_{-}$	Tested to EN 1382
Head Pull Through Parameter	f	EN14592:2008+A1:2012 Clause 6.1.4.4.
in timber of characteristic density 350 kg/m_	$f_{head,k} = 15.73 \text{ N/mm}_{-}$	Tested to EN 1383
Tensile Capacity	f = upp	EN14592:2008+A1:2012 Clause 6.1.4.5.
I tens,k –	$T_{tens,k} = NPD$	Tested to EN 1383

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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:

(Diegem, Belgium, 06/05/2013)

Richard Waterman (Sr. Project Engineer)

Colin Earl (VP HTF CDIY Europe)

(Rhode Island, USA, 06/05/2013) Form: Rev A

EN14592:2008+A1:2012 - Clause 6.1.5 in accordance

with EN1995-1-1

REVISION A