Declaration of Performance	DOP - DW	EU_20_RRSS

REVISION B

1. Product Type: Stainless Steel Ring Shank Timber Nails
2. Identification: As Defined
3. Intended Use: For Structural Timber Products
4. Manufacturer: Stanley Black & Decker bvba; Kanaalweg 112 IZ Ravenshout Zone 3, 3980 Tessenderlo, Belgium
5. Representative: n/a
6. Assessment and Verification of Constancy of Performance: 3
7., 8. Technical Specifications & Notified Bodies

Task Performed	Performed By	NB #	System of Assessment	Report	EN Standard
Initial Type Testing	Trada	2389	3	25-55	EN14592:2008+A1:2012
Factory Production Control	Stanley Black & Decker	-	3	-	-

9. Declared Performance

Dimensions

Diameter - d	2.0 mm	Profile Length - Lg	> 4.5d
Head Area - Ah	21.2 mm²	Point Length - Lp	0.5d ≤ Lp ≤ 2.5d
Length - L	25-55 mm	Coated Length - Lcoat	> 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/mm²	EN14592:2008+A1:2012 - Clause 6.1.2 in accordance with EN10218-1
Corrosion Protection	Service Class 3: Stainless Steel – AISI 316	EN14592:2008+A1:2012 - Clause 6.1.5 in accordance with EN1995-1-1

Mechanical Strength and Stiffness

Yield Moment	$M_{y,k} = 2.0$ Nm	EN14592:2008+A1:2012 - Clause 6.1.4.2 Tested to EN 409
Withdrawal Parameter in timber of characteristic density 310 kg/m³ With coating Type 3	$f_{ax,k} = 8.1$ N/mm²	EN14592:2008+A1:2012 Clause 6.1.4.3 Tested to EN 1382
Head Pull Through Parameter in timber of characteristic density 550 kg/m³	$f_{head,k} = 28.9$ N/mm²	EN14592:2008+A1:2012 Clause 6.1.4.4. Tested to EN 1383
Tensile Capacity	$f_{tens,k} = 1.7$ kN	EN14592:2008+A1:2012 Clause 6.1.4.5. Tested to EN 1383

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:

Colin Earl (VP HTF CDIY Europe) ..... (Diegem, Belgium, 06/05/2013)

Richard Waterman (Sr. Project Engineer) ..... (Rhode Island, USA, 06/05/2013)

Form: Rev A