



# Declaration of Performance



DoP-h13/0015  
(Issue 1,0)

1. *Product Type:* Ring shank nails
2. *Identification:* SN
3. *Intended Use:* For Structural Timber Products
4. *Manufacturer:* Simpson Strong-Tie Int. Ltd  
For local branch addresses refer to [www.strongtie.eu](http://www.strongtie.eu)
5. *Authorised Representative:* N/A
6. *System of Assessment:* 3
- 7, 8. *Technical Specifications & Notified Bodies:*

	Name	No.	System of Assessment	Document Reference	EAD (ETAG) No. EN Standard
Technical Assessment	TÜV Rheinland LGA Bautechnik Simpson Strong-Tie	DAP-PL-1524.13	3	ITTR-13/0015	EN 14592:2012
Factory Production Control	-	-	-	-	-

9. Declared Performance:

Essential Characteristics	Performance	Technical Specification
<b>GEOMETRY</b>		
Diameter (mm)	6.0	
Length (mm)	80 - 350	
<b>MECHANICAL STRENGTH &amp; STIFFNESS</b>		
Characteristic Yield Moment – $M_{y,k}$ (kNmm)	29.2	BS EN 14592:2008+A1:2012
Characteristic Withdrawal Parameter - $f_{ax,k}$ (N/mm <sup>2</sup> )	7.3	BS EN 14592:2008+A1:2012 (Timber Density $\rho_k = 350$ kg/m <sup>3</sup> )
Characteristic Head Pull-Through Parameter - $f_{head,k}$ (N/mm <sup>2</sup> )	12.7	BS EN 14592:2008+A1:2012 (Timber Density $\rho_k = 350$ kg/m <sup>3</sup> )
Characteristic Tensile Capacity - $f_{tens,k}$ (kN)	86.8	BS EN 14592:2008+A1:2012
Durability	Galvanized - Fe/Zn7/C	Service Class 2 to EN 1995-1-1

(NPD – No Performance Determined)

10. The performance of the products identified in points 1. & 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:

**Laurent Versluysen**  
European Managing Director

(Sainte Gemme La Plaine, Fr. 14 /11/2013)