



Declaration of Performance



DoP-h13/0015
(Issue 3,0)

- 1. *Unique Identification code* **SN - Ring shank nails**
- 2. *Intended use/es:* **Fastener for Structural Timber Products**
- 3. *Manufacturer:* **Simpson Strong-Tie Int. Ltd**
For local branch addresses refer to www.strongtie.eu
- 4. *Authorised Representative:* **N/A**
- 5. *System/s of AVCP:* **3**
- 6. *Harmonized Standard or European Assessment Document:*

hEN Number	Notified Body Number
EN 14592:2008 + A1:2012	0035 / 1015

- 7. *Declared Performance/s:*

Essential Characteristics	Performance	Technical Specification
GEOMETRY		
Diameter d (mm)	6,0	EN 14592:2008+A1:2012, Clause 6.1.3
Length l (mm)	80 - 350	EN 14592:2008+A1:2012, Clause 6.1.3
MECHANICAL STRENGTH & STIFFNESS		
Characteristic Yield Moment - $M_{y,k}$ (Nm)	25,9	EN 14592:2008+A1:2012, Clause 6.1.4.2
Characteristic Withdrawal Parameter - $f_{ax,k}$ (N/mm ²)	7,3	EN 14592:2008+A1:2012, Clause 6.1.4.3 (Timber Density $\rho_k = 350$ kg/m ³)
Characteristic Head Pull-Through Parameter - $f_{head,k}$ (N/mm ²)	12,7	EN 14592:2008+A1:2012, Clause 6.1.4.4 (Timber Density $\rho_k = 350$ kg/m ³)
Characteristic Tensile Capacity - $f_{tens,k}$ (kN)	19,4	EN 14592:2008+A1:2012, Clause 6.1.4.5
DURABILITY		
Material	Non-alloy steel (min. 600 N/mm ²)	DIN EN 16120-2 DIN EN 10218-1
Corrosion Protection	Electrodeposited zinc coating: ISO 4042/Zn8/An	EN ISO 4042: 2018 Service Classes 1 & 2 acc. to EN 1995-1-1

- 8. *Appropriate Technical Documentation and/or Specific Technical Documentation:* **N/A**

The performance of the product/s identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Michael Andersen
Vice President, European Operations

(Sainte Gemme La Plaine, Fr. 04.02.2019)