



Declaration of Performance



DoP Number: **DoP-h13/0012**

Issue: 2.0

- 1 **Unique Identification Code:** N (G)
- 2 **Intended Use:** For use in load bearing timber structures
- 3 **Manufacture:** Simpson Strong-Tie Int. Ltd.
For local branch addresses refer to www.strongtie.eu
- 4 **Authorised Representative:** N/A
- 5 **System of Assessment:** 3

6 Harmonized Standard or European Assessment Document

hEN Number	Notified Body Number	ITTR Number
EN 14592:2008+A1:2012	1015 & 1045	ITTR-13/0012

- 7 **Declared Performance:** (see also pages 2 and/or 3) NPD = No Performance Determined

Durability

Material (5) / Corrosion Protection	Service Class
Hot Dip Galvanization - 50µm	Service Class 3
Sherardized	Service Class 1 & 2

Notes:

- (1) EN14592 clause 6.1.4.1 - 6.1.4.2; Tested to EN 409
- (2) EN14592 clause 6.1.4.3; Tested to EN1382, characteristic timber density 350 kg/m³
- (3) EN14592 clause 6.1.4.4; Tested to EN1383, characteristic timber density 350 kg/m³
- (4) EN14592 clause 6.1.4.4; Tested to EN1383, characteristic timber density 350 kg/m³
- (5) EN14592 clause 6.1.5

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

The performance of the product/s identified above are 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 on behalf of the manufacturer by:

Michael Andersen

Vice President, European Operations

(Sainte Gemme La Plaine, Fr.)

10/05/2019



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Geometry (mm unless otherwise stated)

Size	Nominal Diameter - d	Length - L	Head Diameter - dh	Head Area - Ah - [mm ²]	Head thickness - ht	Thread Length - lg	Point Length - lp
3.75x30	3.75	30.0	8.0	50.3	1.7	-	5.0

Mechanical Strength & Stiffness

Size	Yield Moment - My,k [Nm] (1)	Withdrawal Parameter - fax,k [N/mm ²] (2)	Head Pull Through Parameter - fhead,k [N/mm ²] (3)	Characteristic Tensile Capacity - ftens,k [kN] (4)
3.75x30	5.2	4.6	24.5	5.9