Declaration of Performance

DoP Number: **DoP-h17/0016-02**

1 ***Unique Identification Code:*** DSPROA4

2 ***Intended Use:*** For use in load bearing timber structures

3 ***Manufacturer:*** 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	ITTR-17/0016

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

Durability

Material (5) / Corrosion Protection	Service Class
1.4401 Stainless Steel	Service Class 3

Notes:

(1) EN14592 clause 6.3.4.1 - 6.3.4.2; Tested to EN 409

(2) EN14592 clause 6.3.4.3; Tested to EN1382, characteristic timber density 350 kg/m3

(3) EN14592 clause 6.3.4.4; Tested to EN1383, characteristic timber density 350 kg/m3

(4) EN14592 clause 6.3.4.4; Tested to EN1383, characteristic timber density 350 kg/m3

(5) EN14592 clause 6.3.5

(6) EN14592 clause 6.3.4.6; Tested to EN ISO 10666, characteristic timber density 400kg/m3

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 perfromance 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 Anderson
European Managing Director
(Sainte Gemme La Plaine, Fr.) 24/06/2021

Geometry (mm unless otherwise stated)

Size	Nominal Diameter - d	Length - L	Head Diameter - dh	Inner Thread Diameter - d1	Thread Length - lg
5,5x50	5.5	52.0	7.0	4.2	22.5
5,5x60	5.5	62.0	7.0	4.2	27.5
5,5x70	5.5	72.0	7.0	4.2	32.5
5,5x80	5.5	82.0	7.0	4.2	37.5

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Mechanical Strength & Stiffness

Size	Yield Moment - My,k [Nmm] (1)	Withdrawal Parameter - fax,k [N/mm2] (2)	Head Pull Through Parameter - fhead,k	Characteristic Tensile Capacity - ftens,k [kN] (4)	Torsional ratio (6)
5,5x50	7585	12.8	31.8	7.8	3.8
5,5x60					
5,5x70					
5,5x80					