Declaration of Performance

DoP Number: **DoP-h17/0024**
Issue: 1.0

1 ***Unique Identification Code:*** DSPIX4

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-17/0024

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

Durability

Material (5) / Corrosion Protection	Service Class
Impreg® X4 - 20µm	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 450kg/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:

Laurent Versluysen
European Managing Director (Sainte Gemme La Plaine, Fr.) 21/03/2018

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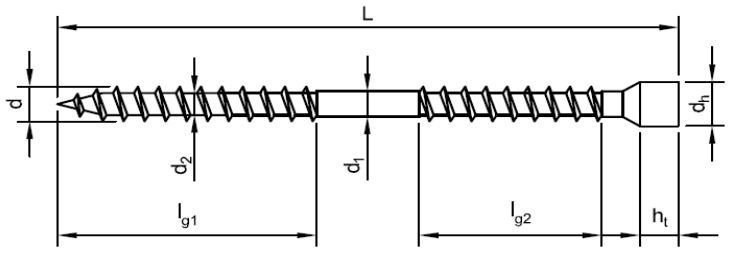
Geometry (mm unless otherwise stated) 1.0

Size	Nominal Diameter - d	Length - L	Head Diameter - dh	Inner Thread Diameter - d1	Thread Length - lg
					l_{g1} / l_{g2}
4,8x60	4.8	60.0	6.5	3.1	26,0 / 12,0
4,8x70	4.8	70.0	6.5	3.1	32,0 / 18,0
5,5x80	5.5	80.0	7.0	3.8	37,5 / 20,0
6,5x95	6.5	95.0	8.0	4.0	40,0 / 29,0



Mechanical Strength & Stiffness

Size	Yield Moment - My,k [Nmm] (1)	Withdrawal Parameter - fax,k [N/mm2] (2)	Head Pull Through Parameter - fhead,k [N/mm2] (3)	Characteristic Tensile Capacity - ftens,k [kN] (4)	Torsional ratio (6)
4,8x60	5951	15.1	32.2	7.9	1.8
4,8x70	5951	15.1	32.2	7.9	1.8
5,5x80	11193	15.7	33.3	12.2	1.8
6,5x95	13203	15.8	45.7	12.9	1.5