



Declaration of Performance



DoP-h10/0004
(Issue 1,0)

1. *Product Type:* Dowel-type Timber Fasteners - Dowels
2. *Identification:* STD
3. *Intended Use:* For Structural Timber Products
4. *Manufacturer:* Simpson Strong-Tie Int. Ltd.
For local branch addresses refer to 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	Simpson Strong-Tie	2209	3	ITTR-10/0004	EN14592:2008
Factory Production Control	Simpson Strong-Tie	-	-	-	-

9. Declared Performance:

Essential Characteristics	Performance						Technical Specification
GEOMETRY							
Nominal Diameter (mm)	6	8	10	12	16	20	
MECHANICAL STRENGTH & STIFFNESS							
Characteristic Yield Moment $M_{y,k}$ (kNmm)	10.8	22.7	40.6	65.2	137.8	246.2	EN14592 Clause 6.4.4.1 – 6.4.4.2 Calculated to EN 1995-1-1
DURABILITY							
Material	Galvanised Steel: S235JR						EN 10025-2
Corrosion Protection	Zinc Plated: Fe/Zn12c Hot Dip Galvanised: $\geq 45\mu\text{m}$						Service classes 1 & 2 to EN 1995-1-1 EN ISO 2081 Service classes 1,2 & 3 to EN 1995-1-1 EN ISO 1461

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 Verluysen
European Managing Director

(Sainte Gemme La Plaine, Fr. 01/03/2013)