



# Declaration of Performance



DoP-h07/0002  
(Issue 2,0)

1. *Product Type:* Slope & Movement Tolerant Asymmetrical Timber Frame Wall Tie
2. *Identification:* BTS and SWT
3. *Intended Use:* For Connecting Timber Frame Walls to Masonry Walls
4. *Manufacturer:* Simpson Strong-Tie Int. Ltd  
For local branch addresses refer to [www.strongtie.eu](http://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	Ceram Building Technology (Testing) Simpson Strong-Tie	1289 -	3	ITTR-07/0002	EN 845-1:2008
Factory Production Control	Simpson Strong-Tie	-	-	-	-

9. Declared Performance:

Essential Characteristics	Performance		Technical Specification
	BTS (Cavities up to 100mm)	SWT (Cavities up to 100mm)	
<b>MECHANICAL STRENGTH &amp; STIFFNESS</b>			
Tensile Strength (N)	601	714	EN 845-1 clause 5.3.1.2; EN 846-6
Displacement Under Load <sup>[1]</sup> (mm)	0.99	0.67	EN 845-1 clause 5.3.1.4
Compressive Strength (N)	414	414	EN 845-1 clause 5.3.1.3; EN 846-6
Displacement Under Load <sup>[1]</sup> (mm)	0.38	0.38	EN 845-1 clause 5.3.1.4
Water Shedding Capability	RESISTANT	RESISTANT	EN 845-1 clause 5.4
<b>DURABILITY</b>			
Material	Stainless Steel: 1.4301		EN 10088-2
Corrosion Protection	Material/Coating Reference: 03		EN 845-1 Table A.1
Dangerous Substances	None		

<sup>[1]</sup> At 1/3 of Declared Tensile & Compressive Strength

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 Versluysen**  
European Managing Director

(Sainte Gemme La Plaine, Fr. 01/10/2013)