



Declaration of Performance



DoP-h13/0021
(Issue 4.0)

1. *Product Type:* Symmetrical Cavity Wall Tie
2. *Identification:* WTS
3. *Intended Use:* For Connecting Two Leaves of a Cavity Wall
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	Lucideon (Testing) Simpson Strong-Tie	1289 -	3	ITTR-13/0021	EN 845-1:2013
Factory Production Control	-	-	-	-	-

9. Declared Performance:

Essential Characteristics	Performance			Technical Specification
RANGE				
	WTS2 200 to 275	WTS3 200 to 300	WTS4 200 to 275	
MECHANICAL STRENGTH & STIFFNESS				
Tensile Strength (N)	1800	1100	650	EN 845-1 clause 5.3.1.2; EN 846-5
Displacement Under Load ^[1] (mm)	0.23	0.09	0.18	EN 845-1 clause 5.3.1.4
Compressive Strength (N)	1300	800	450	EN 845-1 clause 5.3.1.3; EN 846-5
Displacement Under Load ^[1] (mm)	0.14	0.18	0.11	EN 845-1 clause 5.3.1.4
Water Shedding Capability	RESISTANT			EN 845-1 clause 5.4
DURABILITY				
Material	Stainless Steel Grades: 1.4301, 1.4597			EN 10088-2
Corrosion Protection	Material/Coating Reference: 03			EN 845-1 Table A.1
Dangerous Substances	None			

^[1] 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. 06/10/2016)