



Declaration of Performance



DoP-h18/0005
(Issue 2.0)

1. *Unique Identification code* WTODS
2. *Intended use/es:* Symmetrical Wire Tie For Connecting Two Leaves of a Cavity Wall
3. *Manufacturer:* Simpson Strong-Tie Int. Ltd
For local branch addresses refer to www.strongtie.eu
4. *Authorised Representative:* N/A
5. *System/s of AVCP:* 3
6. *Harmonized Standard or European Assessment Document:*

hEN Number	Notified Body Number
EN845-1:2013+A1:2016	1289

7. *Declared Performance/s:*

Essential Characteristics	Performance		Technical Specification
RANGE			
Product Family Tie Lengths [mm]	WTODS2 200 to 275	WTODS3 200 to 300	
MECHANICAL STRENGTH & STIFFNESS			
Tensile Strength (N)	1800	1800	EN 845-1 clause 5.3.1.2.1; EN 846-5
Displacement Under Load ^[1] (mm)	0.23	0.25	EN 845-1 clause 5.3.1.2.3
Failure Mode	5mm DISPLACEMENT		
Compressive Strength (N)	1300	930	EN 845-1 clause 5.3.1.2.2; EN 846-5
Displacement Under Load ^[1] (mm)	0.14	0.09	EN 845-1 clause 5.3.1.2.3
Failure Mode	BENDING OF TIE		
Water Shedding Capability	RESISTANT		EN 845-1 clause 5.4
Minimum Embedment Length [mm]	50		EN845-1 clause 5.2.2.1
Minimum Mortar Joint Thickness [mm]	10		EN845-1 clause 5.2.3.1
Minimum Mortar Class	Type 2		
DURABILITY			
Material	Austenitic Stainless Steel Grades: 1.4301, 1.4597		EN 10088-3
Corrosion Protection	Material/Coating Reference: 03		EN 845-1 Table A.1
Dangerous Substances	None		

a) NPD = No Performance Determined

8. *Appropriate Technical Documentation and/or Specific Technical Documentation:* N/A

The performance of the product/s identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Michael Andersen
Vice President, European Operations

(Sainte Gemme La Plaine, Fr. 22/01/2020)