



# Declaration of Performance



DoP-h05/0001-02

1. *Unique Identification code:* HES
2. *Intended use/es:* Asymmetrical Tension Strap For Connecting Masonry Walls to Floors and Roofs
3. *Manufacturer:* Simpson Strong-Tie Europe EURL, ZAC des 4 Chemins, 85400 Sainte Gemme la Plaine, France  
For local branch addresses, refer to [www.strongtie.eu](http://www.strongtie.eu)
4. *Authorised Representative:* N/A
5. *System/s of AVCP:* 3
6. *Designated Standard:*

BS EN Number	Approved Body Number
BS EN 845-1:2016	1020

7. *Declared Performance/s:*

Essential Characteristics	Performance	Technical Specification
<b>MECHANICAL STRENGTH &amp; STIFFNESS</b>		
Tensile Strength	8,000 N	BS EN 845-1 clause 5.3.7.1; BS EN 846-4
Displacement Under Load <sup>[c]</sup>	1.33 mm	BS EN 845-1 clause 5.3.7.2
Failure Mode	Masonry Plug Failure	
Minimum Mortar Joint Thickness	10mm	BS EN 845-1 clause 5.2.3.1
Minimum Mortar Class	Type 2	
<b>DURABILITY</b>		
Material	Galvanised Steel: DX51D or S250GD	BS EN 10346
Corrosion Protection	Material/Coating Reference: 15	BS EN 845-1 Table A.1
Dangerous Substances	None	

- a) Performance of structural behavior and structural design calculation requirements can be found at: N/A
- b) NPD = No Performance Determined
- c) Displacement at  $\frac{1}{3}$  of the Declared Strength

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:*

**Lars Dahl**  
Director, EU Operations  
(Sainte Gemme La Plaine, Fr 01/10/2022)