



# Declaration of Performance



DoP-h07/0004  
(Issue 1,0)

1. *Product Type:* Masonry Joist Hanger
2. *Identification:* SFH, SFHI, SFWH and SFWHI
3. *Intended Use:* To Support Timber Joists, Beams and Trussed Rafters from 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-07/0004	EN 845-1:2008
Factory Production Control	Simpson Strong-Tie	-	3	-	-

9. Declared Performance:

Essential Characteristics	Performance						Technical Specification
	Masonry Type and Strength						
	AAC 2.8 N/mm <sup>2</sup>		AAC 3.5 N/mm <sup>2</sup>		DAC 7.0 N/mm <sup>2</sup>		
<b>MECHANICAL STRENGTH &amp; STIFFNESS</b>							
<b>RANGE: SFH &amp; SFHI</b>	w<61	w>66	w<61	w>66	w<61	w>66	
Load Bearing Capacity (N)	NPD	NPD	13340	24930	13340	24930	EN 845-1 clause 5.3.5.1; EN 846-8
Displacement Under Load <sup>[1]</sup> (mm)	NPD	NPD	0.86	1.15	0.86	1.15	EN 845-1 clause 5.3.5.2
<b>RANGE: SFWH &amp; SFWHI</b>	w<61	w>66	w<61	w>66	w<61	w>66	
Load Bearing Capacity (N)	NPD	NPD	18590	28940	18590	28940	EN 845-1 clause 5.3.5.1; EN 846-8
Displacement Under Load <sup>[1]</sup> (mm)	NPD	NPD	0.90	1.59	0.90	1.59	EN 845-1 clause 5.3.5.2
<b>DURABILITY</b>							
Material	Galvanised Steel: DX51D or S250GD						EN 10346
Corrosion Protection	Material/Coating Reference: 15						EN 845-1 Clause 6.6 & Table A.1
Dangerous Substances	None						

<sup>[1]</sup> At 1/3 of Declared Load

w – Hanger Seat Width

NPD – No Performance Determined

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)