

**DECLARATION OF PERFORMANCE**

DoP ref. no:WMSS1306028 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Welded Masonry Hanger ST/ST
Intended use	Joist Hanger (Joint Fixing Type) for supporting a joist, beam, truss or rafter on a masonry wall by direct loading via a flange which is embedded in a mortar joint
System of AVCP	3
Harmonised standard	<b>EN 845-1:2013</b>

Teco is an ISO9001 registered firm audited by QMS International plc.  
Structural Consultants C4Ci Ltd.  
Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224  
Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

**Material:** Grade 1.4301 Austenitic Stainless Steel to EN 10088-2

Product Code

**WMSS**

Masonry bearing = size varies in accordance to hanger size, min 75mm  
Joist bearing = size varies in accordance to hanger size, min 80mm  
Hanger depth = size varies in accordance to hanger size  
Hanger width = size varies in accordance to hanger size  
*see attached table for details*



*Tested on 3.5N/mm<sup>2</sup> AAC blocks  
Min mortar joint thickness = 8mm  
Failure mode = masonry crushing + o/a deflection*

<b>Declared Performance</b>		
<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonised technical specification</i>
<b>Vertical load capacity</b>	Declared value = 7kN (Characteristic value = 6.7kN) (SWL = 3.5kN)	<b>EN 845-1:2013</b>
<b>Deflection under load</b>	0.5mm	
<b>Durability</b>	Austenitic stainless steel grade 1.4301 Material / Coating reference 3 acc. to EN 845-1 Table A.1	
<b>Dangerous substances</b>	Meets UK Building Regulation requirements	

The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Rhonda Backwell  
Director

01/07/2013 Brighton



Code with Spaces	Description as Sage	Masonry Bearing (Min)	Joist Bearing (Min)	Hanger Depth	Hanger Width
WMSS 100X150	Teco Welded Masonry Hanger 100 x 150 *ST/ST*	75	80	140	100
WMSS 100X175	Teco Welded Masonry Hanger 100 x 175 *ST/ST*	75	80	165	100
WMSS 100X200	Teco Welded Masonry Hanger 100 x 200 *ST/ST*	75	80	190	100
WMSS 100X225	Teco Welded Masonry Hanger 100 x 225 *ST/ST*	75	80	215	100
WMSS 50X100	Teco Welded Masonry Hanger 50 x 100 *ST/ST*	75	80	100	50
WMSS 50X125	Teco Welded Masonry Hanger 50 x 125 *ST/ST*	75	80	125	50
WMSS 50X150	Teco Welded Masonry Hanger 50 x 150 *ST/ST*	75	80	140	50
WMSS 50X175	Teco Welded Masonry Hanger 50 x 175 *ST/ST*	75	80	165	50
WMSS 50X200	Teco Welded Masonry Hanger 50 x 200 *ST/ST*	75	80	190	50
WMSS 50X225	Teco Welded Masonry Hanger 50 x 225 *ST/ST*	75	80	215	50