

**DECLARATION OF PERFORMANCE**

DoP ref. no: HDSSB1306022 Rev.0518



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Heavy Duty Restraint Strap ST/ST Bent
Intended use	Heavy Duty Tension Strap for horizontal connection of masonry walls to timber floors or roofs
System of AVCP	3
Harmonised standard	<b>BS EN 845-1:2013+A1:2016</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 LUCIDEON Ltd Notification Body No.1289

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

Product Code  
**HDSS (length) B (length of bend)**

*Length of strap and bend vary in accordance to size ordered*

*Tested on 3.5N/mm<sup>2</sup> AAC blocks  
Use min 7No 3.75x30mm stainless steel annular ring shank nails or equivalent fixed to timber joists/rafters  
Applied vertical pre-compression = 0.4N/mm<sup>2</sup>  
Failure mode = masonry plug failure*



Declared Performance	Performance	Harmonised technical specification
Essential characteristics		
<b>Tensile load capacity</b>	Declared value = 8.5kN (Characteristic value = 7.7kN)	<b>BS EN 845-1:2013+A1:2016</b>
<b>Displacement under load</b>	1.7 mm	
<b>Durability</b>	Material / Coating reference 3 acc. to EN 845-1 Table A.1 Austenitic stainless steel grade 1.4301	
<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

23/05/2018 Brighton