

**DECLARATION OF PERFORMANCE**

DoP ref. no:TR5 211116 Horizontal



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco TR5 Heavy Duty Restraint Strap Bent
Intended use	Engineered Tension Strap for horizontal connection of masonry walls to timber floors or roofs
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 by LUCIDEON Ltd Notification Body No.1289

**Material:** 1.4mm x 36mm Galvanised Steel to EN 10346 G600

Product Code

**TR5 (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 6No 3.75x30mm sq twist nails or equivalent fixed to timber joists/rafters*

*Applied vertical pre-compression = 0.4N/mm<sup>2</sup>*

*Failure mode = Straightening of strap causing localised plug failure of blockwork*



Declared Performance	Performance	Harmonised technical specification
Essential characteristics		
<b>Tensile load capacity</b>	Declared value = 9.2kN (Characteristic value =7.36kN)	<b>EN 845-1:2013</b>
<b>Displacement under load</b>	1.5 mm	
<b>Durability</b>	Material / Coating reference 15 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

21/11/2016 Brighton