

DECLARATION OF PERFORMANCE

DoP ref. no:TR5 211116 Rev.0518 Horizontal



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco TRS 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	BS EN 845-1:2013+A1:2016

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

TRS (length) B (length of bend)

Length of strap and bend vary in accordance to size ordered

Tested on 3.5N/mm² AAC blocks

Use min 6No 3.75x30mm sq twist nails or equivalent fixed to timber joists/rafters

Applied vertical pre-compression = 0.4N/mm²

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



Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
Tensile load capacity	Declared value = 9.2kN (Characteristic value =7.36kN)	BS EN 845-1:2013+A1:2016
Displacement under load	1.5 mm	
Durability	Material / Coating reference 15 acc. to EN 845-1 Table A.1	
Dangerous substances	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