

**DECLARATION OF PERFORMANCE**

DoP ref. no: ERB1306025 Rev.2/051113 Horizontal



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Bent Edge Rolled Strap
Intended use	Rolled Edge 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 CERAM Research Ltd Notification Body No.1289

**Material:** Galvanised Steel EN 10346 Grade DX51D

Product Code

**ER (length) B (bend length)**

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

*Tested on 3.5N/mm<sup>2</sup> AAC blocks*

*Use min 6No 4x75mm round wire nails or equivalent fixed to timber joists/rafters*

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

*Failure mode = unbending of strap*



Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
<b>Tensile load capacity</b>	Declared value = 12.1kN (Characteristic value = 10.8kN)	<b>EN 845-1:2013</b>
<b>Displacement under load</b>	2mm	
<b>Durability</b>	Material / Coating reference 21 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

**DECLARATION OF PERFORMANCE**

DoP ref. no: ERB1306025 Rev.2/051113 Vertical



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Bent Edge Rolled Strap
Intended use	Rolled Edge Tension Strap for vertical connection of masonry walls to timber wall plates
System of AVCP	3
Harmonised standard	<b>EN 845-1:2013</b>

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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:** Galvanised Steel to EN 10346 Grade DX51D

Product Code

**ER (length) B (bend length)**

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

*Use min 4No 3.35x75mm masonry nails*

*Use min 2No 3.75x30mm sq twist nails into wall plate*

*Failure mode = pull-out of fixings*



Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
<b>Tensile load capacity</b>	Declared value = 5.1kN (Characteristic value = 4.5kN)	<b>EN 845-1:2013</b>
<b>Displacement under load</b>	2mm	
<b>Durability</b>	Material / Coating reference 21 acc. to EN 845-1 Table A.1	
<b>Dangerous substances</b>	Meets UK Building Regulation requirements	

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