

DECLARATION OF PERFORMANCE

DoP ref. no: HDB1306031 Rev.1/311013



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Heavy Duty Restraint Strap Bent
Intended use	Heavy Duty Tension Strap for horizontal connection of masonry walls to timber floors or roofs
System of AVCP	3
Harmonised standard	EN 845-1:2013

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 to EN 10346 Grade DX51D

Product Code

HD (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 7No 3.75x30mm sq twist nails or equivalent fixed to timber joists/rafters

Applied vertical pre-compression = 0.4N/mm²

Failure mode = masonry plug failure



Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
Tensile load capacity	Declared value = 8.5kN (Characteristic value = 7.7kN)	EN 845-1:2013
Displacement under load	1.7 mm	
Durability	Material / Coating reference 17 acc. to EN 845-1 Table A.1 Edge coated	
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

01/07/2013 Brighton