

DECLARATION OF PERFORMANCE

DoP ref. no: WS1306019 Rev.0518



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Welded Straddle Joist Hanger
Intended use	Welded Straddle Joist Hanger (Joint Fixing Type) for supporting a joist, beam, truss or rafter on a masonry wall by direct loading via a flange which is embedded in a mortar joint
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 CERAM Research Ltd Notification Body No.1289

Material: Galvanised Steel EN 10346 DX51D

Product Code

WS

Masonry bearing = size varies in accordance to hanger size, min 75mm
Joist bearing = size varies in accordance to hanger size, min 80mm
Hanger depth = size varies in accordance to hanger size
Hanger width = size varies in accordance to hanger size



Tested on 3.5N/mm² AAC blocks
Min mortar joint thickness = 8mm
Failure mode = masonry crushing + o/a deflection

Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
Vertical load capacity <i>(total for both sides)</i>	Declared value = 7kN (Characteristic value = 6.7kN) (SWL = 3.5kN)	BS EN 845-1:2013+A1:2016
Deflection under load	0.5mm	
Durability	Material / Coating reference 21 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