

DECLARATION OF PERFORMANCE

DoP ref. no: WRSS1306029 Rev.0518



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Welded Return Joist Hanger ST/ST
Intended use	Welded Return 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 C4C 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: Grade 1.4301 Austenitic Stainless Steel to EN 10088-2

Product Code
WRSS

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
see attached table for details



*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
Essential characteristics		
Vertical load capacity	Declared value = 7kN (Characteristic value = 6.7kN) (SWL = 3.5kN)	BS EN 845-1:2013+A1:2016
Deflection under load	0.5mm	
Durability	Austenitic stainless steel grade 1.4301 Material / Coating reference 3 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