

DECLARATION OF PERFORMANCE

DoP ref. no: SPTCG1021306005



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Shear Plate Connector 102mm GALV
Intended use	Structural connection of overlapping timber to timber or steel to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

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
 Certificate Number: 1224-CPR-0335
 Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type B3 acc. to EN 912:2011

Material: Malleable cast iron to EN 1562 GR EN-GJMW 400/5

<u>Product Code</u>	<u>Diameter (d_c)</u>	<u>Height (h_c):</u>
SPTCG102	102mm	15.7mm



Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
Mechanical strength	Characteristic load bearing capacity: $R_{c,0,k} = 36.05 \text{ kN}$ (acc. to EN13271 eq 2a)	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 21420 \text{ N/mm}$ (acc. to EN13271 eq 3 using $\rho_k = 350 \text{ kg/m}^3 = \text{C24 timber}$)	
Durability	Hot dip zinc coating to EN ISO 1461:2009 thickness 55µm, Mean coating mass (minimum) 395g/m ² (Service Class 3 acc. to EN1995-1-1)	

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