

**DECLARATION OF PERFORMANCE**

DoP ref. no: SPTC671306003



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Shear Plate Connector 67mm BZP
Intended use	Structural connection of overlapping timber to timber or steel to timber members.
System of AVCP	2+
Harmonised standard	<b>EN 14545:2008</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  
Certificate Number: 1224-CPR-0335  
Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

**Type B2 acc. to EN 912:2011**

**Material:** Grade Fe430A Hot Rolled Steel to EN 10025

<u>Product Code</u>	<u>Diameter (d<sub>c</sub>)</u>	<u>Height (h<sub>c</sub>):</u>
SPTC67	66.7mm	10.7mm



Declared Performance		
Essential characteristics	Performance	Harmonised technical specification
<b>Mechanical strength</b>	Characteristic load bearing capacity: $R_{c,0,k} = 19.06 \text{ kN}$ (acc. to EN13271 eq 2a)	<b>EN 14545:2008</b>
<b>Mechanical stiffness</b>	Slip modulus: $k_s = 14007 \text{ N/mm}$ (acc. to EN13271 eq 3 using $\rho_k = 350 \text{ kg/m}^3 = \text{C24 timber}$ )	
<b>Durability</b>	Electroplated zinc coating to ISO 2081 Fe/Zn 12c (Service Class 2 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