

DECLARATION OF PERFORMANCE

DoP ref. no: TCDS501306012 Rev.141220



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Double Sided Tooth Plate Connectors 50mm
Intended use	Structural connection of overlapping timber to timber members.
System of AVCP	2+
Harmonised standard	EN 14545:2008

TECO is an ISO 9001:2015 registered firm audited by QMS International plc.
 Structural Consultants C4Ci Ltd.
 Factory Production Control assessed and audited by Element Materials Technology Rotterdam B.V. Notified Body No.2812
 Certificate Number: 2812-CPR-0335
 Where appropriate, tested by CERAM Research Ltd Notification Body No.1289

Type C6 acc. to EN 912:2011

Material: Grade DX51D Mild Steel to EN 10346

Product Code	Diameter (d _c)	Bolt Size
TCDS 50	50mm	M12
TCDS 50M10	50mm	M10
TCDS 50M16	50mm	M16



Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
Mechanical strength	Characteristic load bearing capacity: $R_{c,k} = 6363N$ (acc. to EN13271 eq 6) (Note - An additional load bearing capacity $R_{b,0,k}$ may be calculated for the bolt in accordance with EN1995-1-1)	EN 14545:2008
Mechanical stiffness	Slip modulus: $k_s = 5250N/mm$ (acc. to EN13271 eq 8) using $\rho_k = 350kg/m^3 = C24$ timber)	
Durability	Z275 Hot dip zinc coating (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

14/12/2020 Brighton