

DECLARATION OF PERFORMANCE

DoP ref. no: TFT1001306043 Rev.0518



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Timber Frame Tie 100mm
Intended use	Movement tolerant asymmetrical wall tie for connecting timber frames to masonry walls
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 C4Cj Ltd.
 Factory Production Control assessed and audited by BM TRADA CE Scheme for Construction Products Notified Body No.1224
 Where appropriate, tested by LUCIDEON Ltd Notification Body No.1289

Material: Grade 1.4301 Austenitic stainless steel to EN 10088-2

Product Code

TFT100



Load capacities are for ties with:

- Overall length 170mm*
- Cavity width 100-120mm*
- Min embedment length 50mm*
- Min mortar joint thickness 8mm*
- Permissible movement range 24mm*

Fix to timber frame using 3.35x50mm stainless steel annular ring nails

Failure mode in compression = bending of tie

Failure mode in tension = straightening of tie

Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
Compressive load capacity	684N	BS EN 845-1:2013+A1:2016
Tensile load capacity	675N	
Displacement at 1/3 load capacity	In compression: 0.5mm In tension: 0.9mm	
Durability	Austenitic stainless steel grade 1.4301 Material / Coating reference 3 acc. to EN 845-1 Table A.1	
Water Shedding Capacity	Resistant	
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