

DECLARATION OF PERFORMANCE

DoP ref. no: TFT1001306043 Rev.1/020913



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	EN 845-1:2013

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
Where appropriate, tested by CERAM Research 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
Essential characteristics		
Compressive load capacity	684N	EN 845-1:2013
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

01/07/2013 Brighton