

DECLARATION OF PERFORMANCE

DoP ref. no: TFT751306042 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Timber Frame Tie 75mm
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

TFT75



Load capacities are for ties with:

- Overall length 150mm*
- Cavity width 75-99mm*
- 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		
<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonised technical specification</i>
Compressive load capacity	462N	EN 845-1:2013
Tensile load capacity	660N	
Displacement at 1/3 load capacity	In compression: 0.7mm In tension: 1mm	
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