



CE Declaration of Performance



FHM Single Piece Masonry Hanger

Single Piece Masonry Hangers - Galvanised Steel EN 10346 DX51D

Code	Description	Masonry Bearing (Min)	Joist Bearing (Min)	Hanger Depth	Hanger Width
FHM 47/100	Teco FHM Single Piece Masonry Hanger 47 x 100	80	80	100	47
FHM 47/125	Teco FHM Single Piece Masonry Hanger 47 x 125	80	80	125	47
FHM 47/150	Teco FHM Single Piece Masonry Hanger 47 x 150	80	80	140	47
FHM 47/175	Teco FHM Single Piece Masonry Hanger 47 x 175	80	75	165	47
FHM 47/200	Teco FHM Single Piece Masonry Hanger 47 x 200	80	75	190	47
FHM 47/225	Teco FHM Single Piece Masonry Hanger 47 x 225	80	75	215	47

DECLARATION OF PERFORMANCE

DoP ref. no: FHM1306020 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco FHM Single Piece Masonry Hanger
Intended use	Joist Hanger (Joint Fixing Type) for supporting a joist, beam, truss or rafter on a masonry wall by direct loading via a flange which is embedded in a mortar joint
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: Galvanised Steel EN 10346 DX51D

Product Code

FHM

Masonry bearing = size varies in accordance to hanger size, min 75mm
Joist bearing = size varies in accordance to hanger size, min 75mm
Hanger depth = size varies in accordance to hanger size
Hanger width = size varies in accordance to hanger size
see attached table for details



*Tested on 3.5N/mm² AAC blocks
Min mortar joint thickness = 8mm
Failure mode = masonry crushing + o/a deflection*

Declared Performance		
Essential characteristics	Performance	Harmonised technical specification
Vertical load capacity	Declared value = 10.8kN (Characteristic value = 9.7kN) (SWL = 5.4kN)	EN 845-1:2013
Deflection under load	1.2mm	
Durability	Material / Coating reference 15 acc. to EN 845-1 Table A.1	
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