

**DECLARATION OF PERFORMANCE**

DoP ref. no: FHMR1306021 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco FHMR Masonry Return 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	<b>EN 845-1:2013</b>

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

**FHMR**

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/mm<sup>2</sup> AAC blocks  
Min mortar joint thickness = 8mm  
Failure mode = masonry crushing + o/a deflection*

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



Code with Spaces	Description as Sage	Masonry Bearing (Min)	Joist Bearing (Min)	Hanger Depth	Hanger Width
FHMR 47/100/100	Teco FHM Single Piece Masonry Hanger 47 x 100 x 100	100	80	100	47
FHMR 47/100/115	Teco FHM Single Piece Masonry Hanger 47 x 100 x 115	115	80	100	47
FHMR 47/100/140	Teco FHM Single Piece Masonry Hanger 47 x 100 x 140	140	80	100	47
FHMR 47/100/150	Teco FHM Single Piece Masonry Hanger 47 x 100 x 150	150	80	100	47
FHMR 47/100/215	Teco FHM Single Piece Masonry Hanger 47 x 100 x 215	215	80	100	47
FHMR 47/125/100	Teco FHM Single Piece Masonry Hanger 47 x 125 x 100	100	80	125	47
FHMR 47/125/115	Teco FHM Single Piece Masonry Hanger 47 x 125 x 115	115	80	125	47
FHMR 47/125/140	Teco FHM Single Piece Masonry Hanger 47 x 125 x 140	140	80	125	47
FHMR 47/125/150	Teco FHM Single Piece Masonry Hanger 47 x 125 x 150	150	80	125	47
FHMR 47/125/215	Teco FHM Single Piece Masonry Hanger 47 x 125 x 215	215	80	125	47
FHMR 47/150/100	Teco FHM Single Piece Masonry Hanger 47 x 150 x 100	100	80	140	47
FHMR 47/150/115	Teco FHM Single Piece Masonry Hanger 47 x 150 x 115	115	80	140	47
FHMR 47/150/140	Teco FHM Single Piece Masonry Hanger 47 x 150 x 140	140	80	140	47
FHMR 47/150/150	Teco FHM Single Piece Masonry Hanger 47 x 150 x 150	150	80	140	47
FHMR 47/150/215	Teco FHM Single Piece Masonry Hanger 47 x 150 x 215	215	80	140	47
FHMR 47/175/100	Teco FHM Single Piece Masonry Hanger 47 x 175 x 100	100	75	165	47
FHMR 47/175/115	Teco FHM Single Piece Masonry Hanger 47 x 175 x 115	115	75	165	47
FHMR 47/175/140	Teco FHM Single Piece Masonry Hanger 47 x 175 x 140	140	75	165	47
FHMR 47/175/150	Teco FHM Single Piece Masonry Hanger 47 x 175 x 150	150	75	165	47
FHMR 47/175/215	Teco FHM Single Piece Masonry Hanger 47 x 175 x 215	215	75	165	47
FHMR 47/200/100	Teco FHM Single Piece Masonry Hanger 47 x 200 x 100	100	75	190	47
FHMR 47/200/115	Teco FHM Single Piece Masonry Hanger 47 x 200 x 115	115	75	190	47
FHMR 47/200/140	Teco FHM Single Piece Masonry Hanger 47 x 200 x 140	140	75	190	47
FHMR 47/200/150	Teco FHM Single Piece Masonry Hanger 47 x 200 x 150	150	75	190	47
FHMR 47/200/215	Teco FHM Single Piece Masonry Hanger 47 x 200 x 215	215	75	190	47
FHMR 47/225/100	Teco FHM Single Piece Masonry Hanger 47 x 225 x 100	100	75	215	47
FHMR 47/225/115	Teco FHM Single Piece Masonry Hanger 47 x 225 x 115	115	75	215	47
FHMR 47/225/140	Teco FHM Single Piece Masonry Hanger 47 x 225 x 140	140	75	215	47
FHMR 47/225/150	Teco FHM Single Piece Masonry Hanger 47 x 225 x 150	150	75	215	47
FHMR 47/225/215	Teco FHM Single Piece Masonry Hanger 47 x 225 x 215	215	75	215	47