

DECLARATION OF PERFORMANCE

DoP ref. no: WM1306017 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Welded 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

WM

Masonry bearing = size varies in accordance to hanger size, min 75mm
Joist bearing = size varies in accordance to hanger size, min 80mm
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	Performance	Harmonised technical specification
Essential characteristics		
Vertical load capacity	Declared value = 7kN (Characteristic value = 6.7kN) (SWL = 3.5kN)	EN 845-1:2013
Deflection under load	0.5mm	
Durability	Material / Coating reference 21 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



Code with Spaces	Description as Sage	Masonry Bearing (Min)	Joist Bearing (Min)	Hanger Depth	Hanger Width
WM 100X100	Teco Welded Masonry Hanger 100 x 100	75	80	100	100
WM 100X125	Teco Welded Masonry Hanger 100 x 125	75	80	125	100
WM 100X150	Teco Welded Masonry Hanger 100 x 150	75	80	140	100
WM 100X175	Teco Welded Masonry Hanger 100 x 175	75	80	165	100
WM 100X200	Teco Welded Masonry Hanger 100 x 200	75	80	190	100
WM 100X225	Teco Welded Masonry Hanger 100 x 225	75	80	215	100
WM 100X250	Teco Welded Masonry Hanger 100 x 250	75	80	240	100
WM 100X275	Teco Welded Masonry Hanger 100 x 275	75	80	265	100
WM 100X300	Teco Welded Masonry Hanger 100 x 300	75	80	290	100
WM 125X100	Teco Welded Masonry Hanger 125 x 100	75	90	100	125
WM 125X125	Teco Welded Masonry Hanger 125 x 125	75	90	125	125
WM 125X150	Teco Welded Masonry Hanger 125 x 150	75	90	140	125
WM 125X175	Teco Welded Masonry Hanger 125 x 175	75	90	165	125
WM 125X200	Teco Welded Masonry Hanger 125 x 200	75	90	190	125
WM 125X225	Teco Welded Masonry Hanger 125 x 225	75	90	215	125
WM 132X150	Teco Welded Masonry Hanger 132 x 150	75	90	140	132
WM 132X200	Teco Welded Masonry Hanger 132 x 200	75	90	190	132
WM 132X225	Teco Welded Masonry Hanger 132 x 225	75	90	215	132
WM 150X150	Teco Welded Masonry Hanger 150 x 150	75	90	140	150
WM 150X200	Teco Welded Masonry Hanger 150 x 200	75	90	190	150
WM 150X225	Teco Welded Masonry Hanger 150 x 225	75	90	215	150
WM 44X100	Teco Welded Masonry Hanger 44 x 100	75	80	100	44
WM 44X125	Teco Welded Masonry Hanger 44 x 125	75	80	125	44
WM 44X150	Teco Welded Masonry Hanger 44 x 150	75	80	140	44
WM 44X175	Teco Welded Masonry Hanger 44 x 175	75	80	165	44
WM 44X200	Teco Welded Masonry Hanger 44 x 200	75	80	190	44
WM 44X225	Teco Welded Masonry Hanger 44 x 225	75	80	215	44

WM 44X250	Teco Welded Masonry Hanger 44 x 250	75	80	240	44
WM 44X275	Teco Welded Masonry Hanger 44 x 275	75	80	165	44
WM 44X300	Teco Welded Masonry Hanger 44 x 300	75	80	290	44
WM 50X100	Teco Welded Masonry Hanger 50 x 100	75	80	100	50
WM 50X125	Teco Welded Masonry Hanger 50 x 125	75	80	125	50
WM 50X150	Teco Welded Masonry Hanger 50 x 150	75	80	140	50
WM 50X175	Teco Welded Masonry Hanger 50 x 175	75	80	165	50
WM 50X200	Teco Welded Masonry Hanger 50 x 200	75	80	190	50
WM 50X225	Teco Welded Masonry Hanger 50 x 225	75	80	215	50
WM 50X250	Teco Welded Masonry Hanger 50 x 250	75	80	240	50
WM 50X275	Teco Welded Masonry Hanger 50 x 275	75	80	265	50
WM 50X300	Teco Welded Masonry Hanger 50 x 300	75	80	290	50
WM 63X100	Teco Welded Masonry Hanger 63 x 100	75	80	100	63
WM 63X125	Teco Welded Masonry Hanger 63 x 125	75	80	125	63
WM 63X150	Teco Welded Masonry Hanger 63 x 150	75	80	140	63
WM 63X175	Teco Welded Masonry Hanger 63 x 175	75	80	165	63
WM 63X200	Teco Welded Masonry Hanger 63 x 200	75	80	190	63
WM 63X225	Teco Welded Masonry Hanger 63 x 225	75	80	215	63
WM 63X250	Teco Welded Masonry Hanger 63 x 250	75	80	240	63
WM 63X275	Teco Welded Masonry Hanger 63 x 275	75	80	265	63
WM 63X300	Teco Welded Masonry Hanger 63 x 300	75	80	290	63
WM 75X100	Teco Welded Masonry Hanger 75 x 100	75	80	100	75
WM 75X125	Teco Welded Masonry Hanger 75 x 125	75	80	125	75
WM 75X150	Teco Welded Masonry Hanger 75 x 150	75	80	140	75
WM 75X175	Teco Welded Masonry Hanger 75 x 175	75	80	165	75
WM 75X200	Teco Welded Masonry Hanger 75 x 200	75	80	190	75
WM 75X225	Teco Welded Masonry Hanger 75 x 225	75	80	215	75
WM 75X250	Teco Welded Masonry Hanger 75 x 250	75	80	240	75
WM 75X275	Teco Welded Masonry Hanger 75 x 275	75	80	265	75
WM 75X300	Teco Welded Masonry Hanger 75 x 300	75	80	290	75
WM 90X100	Teco Welded Masonry Hanger 90 x 100	75	80	100	90
WM 90X125	Teco Welded Masonry Hanger 90 x 125	75	80	125	90
WM 90X150	Teco Welded Masonry Hanger 90 x 150	75	80	140	90
WM 90X175	Teco Welded Masonry Hanger 90 x 175	75	80	165	90
WM 90X200	Teco Welded Masonry Hanger 90 x 200	75	80	190	90
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