

DECLARATION OF PERFORMANCE

DoP ref. no: LDB1306035 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Light Duty Restraint Strap Bent
Intended use	Light Duty Tension Strap for vertical connection of masonry walls to timber wall plates
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 to EN 10346 Grade DX51D

Product Code

LD (length) B (length of bend)

Length of strap and bend vary in accordance to size ordered

Tested on 3.5N/mm² AAC blocks

Use min 10No 3.75x30mm sq twist nails or 6No 4mmx40mm screws (drilled and plugged) into the masonry

Use min 2No 3.75x30mm sq twist nails into wall plate

Failure mode = localised wallplate crushing



Declared Performance	Performance	Harmonised technical specification
Essential characteristics		
Tensile load capacity	Declared value = 5.4kN (Characteristic value = 4.8kN)	EN 845-1:2013
Displacement under load	1.7mm	
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

DECLARATION OF PERFORMANCE

DoP ref. no: LDF1306036 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Light Duty Restraint Strap Flat
Intended use	Light Duty Tension Strap for general purpose connection of masonry walls to timber elements
System of AVCP	3
Harmonised standard	EN 845-1:2013

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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 to EN 10346 Grade DX51D

Product Code

LD (length) F

Length of strap varies in accordance to size ordered



Declared Performance	<i>Performance</i>	<i>Harmonised technical specification</i>
<i>Essential characteristics</i>		
Tensile load capacity	No performance determined	EN 845-1:2013
Displacement under load	No performance determined	
Durability	Material / Coating reference 21 acc. to EN 845-1 Table A.1	
Dangerous substances	Meets UK Building Regulation requirements	

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Rhonda Backwell
Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: LDT1306037 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Light Duty Restraint Strap Twisted
Intended use	Light Duty Tension Strap for vertical connection of masonry walls to timber trusses
System of AVCP	3
Harmonised standard	EN 845-1:2013

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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 to EN 10346 Grade DX51D

Product Code

LD (length) T (twist length)

Length of strap and twist vary in accordance to size ordered



Declared Performance	<i>Performance</i>	<i>Harmonised technical specification</i>
<i>Essential characteristics</i>		
Tensile load capacity	No performance determined	EN 845-1:2013
Displacement under load	No performance determined	
Durability	Material / Coating reference 21 acc. to EN 845-1 Table A.1	
Dangerous substances	Meets UK Building Regulation requirements	

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Rhonda Backwell
Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: LDSSF1306039 Rev.1/020913



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Light Duty Restraint Strap ST/ST Flat
Intended use	Light Duty Tension Strap for general purpose connection of masonry walls to timber elements
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
LDSS (length) F

Length of strap varies in accordance to size ordered



Declared Performance	<i>Performance</i>	<i>Harmonised technical specification</i>
<i>Essential characteristics</i>		
Tensile load capacity	No performance determined	EN 845-1:2013
Displacement under load	No performance determined	
Durability	Material / Coating reference 3 acc. to EN 845-1 Table A.1 Austenitic stainless steel grade 1.4301	
Dangerous substances	Meets UK Building Regulation requirements	

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Signed for and on behalf of the manufacturer by:

Rhonda Backwell
Director

01/07/2013 Brighton

DECLARATION OF PERFORMANCE

DoP ref. no: LDSSB1306038 Rev.2/211113



Name of manufacturer	Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN
Product type	Teco Light Duty Restraint Strap ST/ST Bent
Intended use	Light Duty Tension Strap for vertical connection of masonry walls to timber wall plates
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

LDSS (length) B (length of bend)

Length of strap and bend vary in accordance to size ordered



Tested on 3.5N/mm² AAC blocks

Use min 10No 3.75x30mm Annular Ring Nails or 6No 4mmx40mm screws (drilled and plugged) into the masonry

Use min 2No 3.75x30mm Annular Ring Shank Nails into wall plate

Failure mode = localised wallplate crushing

Declared Performance	Performance	Harmonised technical specification
<i>Essential characteristics</i>		
Tensile load capacity	Declared value = 5.4kN (Characteristic value = 4.8kN)	EN 845-1:2013
Displacement under load	1.7mm	
Durability	Material / Coating reference 3 acc. to EN 845-1 Table A.1 Austenitic stainless steel grade 1.4301	
Dangerous substances	Meets UK Building Regulation requirements	

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