

DECLARATION OF PERFORMANCE

DoP ref. no: HDB1306031 Rev.0518



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|----------------------|--|
| Name of manufacturer | Teco Building Products Wellington Road, Portslade, Brighton, BN41 1DN |
| Product type | Teco Heavy Duty Restraint Strap Bent |
| Intended use | Heavy Duty Tension Strap for horizontal connection of masonry walls to timber floors or roofs |
| System of AVCP | 3 |
| Harmonised standard | BS EN 845-1:2013+A1:2016 |

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 LUCIDEON Ltd Notification Body No.1289

Material: Galvanised Steel to EN 10346 Grade DX51D

Product Code
HD (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 7No 3.75x30mm sq twist nails or equivalent fixed to timber joists/rafters
Applied vertical pre-compression = 0.4N/mm²
Failure mode = masonry plug failure*



| Declared Performance | Performance | Harmonised technical specification |
|--------------------------------|--|------------------------------------|
| Essential characteristics | | |
| Tensile load capacity | Declared value = 8.5kN (Characteristic value = 7.7kN) | BS EN 845-1:2013+A1:2016 |
| Displacement under load | 1.7 mm | |
| Durability | Material / Coating reference 17 acc. to EN 845-1 Table A.1 Edge coated | |
| 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

23/05/2018 Brighton