

DECLARATION OF PERFORMANCE

according to Annex III of the Regulation (EU) Nr. 305/2011 (Construction Products Regulation)

Nr. Bistal-DoP-006-13/EN

2.Type identification of the construction product: Type and article number displayed on the packaging 3.Intended use of the product: Welded wire meshwork - ladder type, bed joint reinforcement in masonry for structural applications. 4.Manufacturer: Bistâl AB i Västervik, Fridkullagatan 5, SE- 593 62 Västervik 5.System of assessment and verification of performance: System 3 6.Harmonized standard: EN-845-3:2013 Notified body No. 0402, SP Technical Research Institute of Sweden has performed initial type testing (ITT) of the product according to the standard. 7.Declared performance: Dimensions Limit deviations Length (I) 4 000 mm +/- 1,5 % Width (a) 30 mm +/- 0,4 mm Wire size (c) 4,0 mm +/- 0,1 mm Wire size (d) 3x4 mm +/- 0,1 mm Wire size (d) 3x4 mm +/- 3 % Essential characteristics Performance data Harmonized technical specification Coating reference R 13 Table 1, EN 845-3 Shear load capacity 4,8 kN EN-845-3 - ITT by notified body Bond strength 5,03 kN EN-845-3 - ITT by notified body Bond strength 300 mm or 3 cross wires EN-845-3	1.Product type:	Bistal bed joint reinforcement of welded steel wire meshwork, galvanized after welding - type Bi 40 fz – Quality 500	
4.Manufacturer: Bistål AB i Västervik, Fridkullagatan 5, SE- 593 62 Västervik 5.System of assessment and verification of performance: System 3 6.Harmonized standard: EN-845-3:2013 Notified body No. 0402, SP Technical Research Institute of Sweden has performed initial type testing (ITT) of the product according to the standard. 7.Declared performance: Dimensions Limit deviations Length (l) 4 000 mm +/- 1,5 % Width (a) 30 mm +/- 5 mm Profile height (t) 4,0 mm +/- 0,4 mm Wire size (c) 4,0 mm +/- 0,1 mm Wire size (d) 3x4 mm +/- 0,1 mm Pitch of wires (b) 95 mm +/- 3 % Essential characteristics Performance data Harmonized technical specification Coating reference R 13 Table 1, EN 845-3 Shear load capacity 4,8 kN EN-845-3 - FPC Characteristic yield strength of wires 500 MPa EN-845-3 - ITT by notified body Bond strength 300 mm or 3 cross wires EN-845-3		Type and article number displayed on the packaging	
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Ductility classNormal > 1,05Table 4, EN-845-3	Anchorage length	300 mm or 3 cross wire	es EN-845-3
	Ductility class	Normal > 1,05	Table 4, EN-845-3

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Västervik July 1, 2013

<u>Stefan Stein</u> Stefan Stein MD