

DECLARATION OF PERFORMANCE

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

Nr. Bistal-DoP-001-13/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: 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 (I) 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 NPD 5hear load capacity 4 800 N EN 845-3 - FPC Characteristic yield strength of wires 690 MPa EN 845-3 - ITT by notified body Bond strength 5,77 kN EN 845-3 - ITT by notified body | 1.Product type: | Bistal bed joint reinforcement of welded steel wire meshwork, type Bi 40 ob – Quality 700 | |
|---|---------------------------------|--|------------------------------------|
| structural applications. 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 (I) 4 000 mm +/- 1,5 % Width (a) 30 mm +/- 0,4 mm Profile height (t) 4,0 mm +/- 0,1 mm Wire size (c) 4,0 mm +/- 0,1 mm Pitch of wires (b) 95 mm +/- 3 % Essential characteristics Performance data Harmonized technical specification Coating reference NPD Shear load capacity 4 800 N EN 845-3 - FPC Characteristic yield strength of wires 690 MPa EN-845-3 - ITT by notified body Bond strength 300 mm or min 3 cross wires EN 845-3 | | Type and article number displayed on the packaging | |
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| | Bond strength | 5,77 kN | EN-845-3 - ITT by notified body |
| Ductility classHigh > 1,08Table 4, EN 845-3 | | 300 mm or min 3 cros | s wires EN 845-3 |
| | Ductility class | High > 1,08 | 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