

DECLARATION OF PERFORMANCE

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

Nr. Bistal-DoP-007-13/EN

1. Product type: **Bistal bed joint reinforcement of welded stainless steel wire meshwork, type Bi 37 rf**
2. Type identification of the construction product: **Type and article number displayed on the packaging**
3. Intended use of the product: **Welded wire meshwork consisting of longitudinal wires welded to cross-wires ladder type, intended for structural masonry 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 (l)	4 000 mm	+/- 1,5 %
Width (a)	30 mm	+/- 5 mm
Profile height (t)	4,0 mm	+/- 0,4 mm
Wire size (c)	3,7 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 3	Table 1, EN-845-3:2013
Shear load capacity	4,1 kN	EN-845-3 + FPC
Characteristic yield strength of wires	850 N/mm ²	EN-845-3 - ITT by notified body
Bond strength	6,46 kN	EN-845-3 - ITT by notified body
Anchorage length	300 mm or 3 cross 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

Stefan Stein
 Stefan Stein
 MD