

## DECLARATION OF PERFORMANCE

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

### Nr. Bistal-DoP-005-13/EN

1. Product type: **Bistal bed joint reinforcement of welded steel wire meshwork, galvanized after welding - type Bi 40 fz – Quality 700**
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 Västerwik**
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 | 690 N/mm <sup>2</sup>   | EN-845-3 – ITT by notified body    |
| Bond strength                          | 5,77 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:

Västerwik July 1, 2013

*Stefan Stein*  
 Stefan Stein  
 MD