

**EC Declaration of Performance**  
**Wall Tie set-with anchor support Murfor® Anc SA Twist**

**CUSTOMER INFORMATION**

1. Unique identification code of the product:  
**Wall Tie set with anchor support Murfor® Anc SA Twist**,  
 with different length and shapes - product types see table 1.
  
2. Intended use : in accordance with EN 845-1: 2013+A1: 2016,  
**Movement tolerant masonry cavity wall tie** for connecting two adjacent walls or for connecting walls to frame structures.
  
3. Manufacturer : **NV BEKAERT SA** Bekaertstraat 2, B-8550 Zwevegem, Belgium.
  
5. System of assessment and verification of constancy of performance of the construction product:  
**System n°3**
  
- 6a Harmonised standard: EN 845-1: 2013+A1: 2016  
Notified Body:  
 TSUS, registration nr: 1301. Studená 3, 821 04 Bratislava, Slovensko,

- 7 Declared performance:  
 the essential characteristics per product type are listed in table 1.

The performance of the product identified above, is in conformity with the declared performance in point 7. This declaration of performance is issued, in accordance with regulation (EU) N° 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tom Hautekiet, Vice president Building products, *NV Bekaert SA*

## EC Declaration of Performance

### Wall Tie set-with anchor support Murfor® Anc SA Twist

## CUSTOMER INFORMATION

Addendum to pt 7. Declared Performance on essential characteristics – see table 1

Table 1: Declaration on essential characteristics per Murfor® Anc Type with anchor support type Murfor® Anc SA Twist according EN 845-1: 2013+A1: 2016

| Product type   | Murfor® Anc Type S 30 M  | Murfor® Anc Type S 80 M | Murfor® Anc Type S 130 M | Murfor® Anc Type S 180 M | Murfor® Anc Type S 140 I |
|--|--|-------------------------|--------------------------|--------------------------|--------------------------|
| Type of wall tie   | movement tolerant cavity wall tie  |                         |                          |                          |                          |
| Intended use   | Movement tolerant masonry cavity wall tie for connecting two adjacent walls or for connecting walls to frame structures. |                         |                          |                          |                          |
| Dangerous substances   | None   |                         |                          |                          |                          |
| Length of wall tie (mm)  | 30 ± 5   | 80 ± 5                  | 130 ± 5                  | 180 ± 5                  | 140 ± 5                  |
| Nom. Diameter of wire (mm)                                     | 4 ± 0,10   |                         |                          |                          |                          |
| Nom. Thickness of plate anchor support (mm)                    | 2 ± 0,10   |                         |                          |                          |                          |
| Shape of wall tie  | M  |                         |                          |                          | I                        |
| Cavity width (mm)  | 0-10   | 0-15                    | 0-65                     | 0-115                    | 0-75                     |
| Minimum embedment length (mm)                                  | 65<br>(other end to be fixed with adequate fixing, e.g.: ETA 001: Metal anchors for Use in concrete)                     |                         |                          |                          |                          |
| Min. cover to face of the wall (mm)                            | 40   |                         |                          |                          |                          |
| Min. mortar joint thickness (mm)                               | 8  |                         |                          |                          |                          |
| Permissible range of movement (mm)                             | 16 mm top-bottom   |                         |                          |                          |                          |
| Compressive load capacity (N)                                  | 2700   |                         |                          |                          |                          |
| Tensile load capacity (N)                                      | 1900   |                         |                          |                          |                          |
| Displacement at 1/3 tensile and compressive load capacity (mm) | < 1  |                         |                          |                          |                          |
| Failure mode   | Component failure in tension and compression   |                         |                          |                          |                          |
| Resistance to water crossing a cavity                          | No   |                         |                          |                          |                          |
| Symm. (S) or Asymm. (A) wall tie                               | A  |                         |                          |                          |                          |
| Durability   | R 3  |                         |                          |                          |                          |
| Masonry units and mortar                                       | masonry units $f_b \geq 5 \text{ N/mm}^2$ and general purpose mortar $\geq \text{M5}$                                    |                         |                          |                          |                          |

Disclaimer: This Customer Information shall not constitute a guarantee for any specific product features. Final determination of suitability of this material is the sole responsibility of the user.