

**EC Declaration of Performance
Flat connector type Murfor® Anc+**

**CUSTOMER
INFORMATION**

1. Unique identification code of the product: **Flat connector type Murfor® Anc+** with different dimensions and shapes - product types see table 1.
2. Intended use in accordance with EN 845-1:2013 + A1: 2016, **Masonry 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:
Ceram Building Technology, Queens Road, Penkhull, Stoke on Trent ST4 7LQ, registration No 0013,

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*



Approved by:
Tom Hautekiet

Issued and Signed on version date, Zwevegem-Belgium




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.

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

Table 1: Declaration on essential characteristics per Flat connector type Murfor® Anc+ product type according EN 845-1:2013 + A1: 2016				
Product type	Murfor® Anc Tie+	Murfor® Anc L+	Murfor® Anc Joint+	Murfor® Anc Twist+
Type of wall tie	Shear tie		Slip tie	Cavity wall tie
Intended use	Masonry wall tie for connecting two adjacent walls or for connecting walls to frame structures.			
Dangerous substances	None			
Length of wall tie (mm)	200 ± 5	150 ± 5	200 ± 5	200 ± 5
Length long leg of L (mm)	-	100	-	Twisted in the center of L
Length short leg of L (mm)	-	50	-	
Width of wall tie (mm)	19 ± 0,50			
Thickness of wall tie (mm)	2 ± 0,15			
Cavity width (mm)	20-50	0-15	20-50	20-50
Minimum embedment length (mm)	65 (both ends)	65 (one end) (*)	65 (both ends)	
Min. cover to face of the wall (mm)	40			
Min. mortar joint thickness (mm)	8			
Permissible range of movement (mm)	N.A.			
Compressive load capacity (N)	NPD	NPD	NPD	NPD
Tensile load capacity (N)	1830	1830	NPD	1830
Shear load capacity (N)	2610	2610	2610	NPD
Displacement at 1/3 tensile and shear load capacity (mm)	< 1			
Displacement at 1/3 compressive load capacity (mm)	NPD			
Failure mode	Anchorage failure in tension , component failure in shear			
Resistance to water crossing a cavity	No			
Symm. (S) or Asymm. (A) wall tie	A			
Durability	R3			
Masonry units and mortar	masonry units fb ≥ 5 N/mm ² and general purpose mortar ≥ M5			

(*) other end to be fixed with adequate fixing, e.g.: ETA 001: Metal anchors for Use in concrete

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