

## EC Declaration of Performance Murfor® GER /S

## CUSTOMER INFORMATION

1. Unique identification code of the product : Murfor® GER /S  
with different widths - see table 1.
  2. Intended use :  
Welded wire meshwork bed joint reinforcement in STRUCTURAL USES in wall and partitions as covered in the scope of EN 845-3: 2013+A1: 2016
  4. 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
  - 6.a Harmonized Standard: EN 845-3: 2013+A1: 2016.  
Notified Body: WTCB - registration nr: 1136 / B-1000 Brussels, Lombardstraat - rue Lombard, 42
  7. Declared performance : the essential characteristics per product type are listed in table 1.
- The performance of the products identified in points 1 and 2 and listed in table 1, are 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 in point 4.
- Signed for and on behalf of the manufacturer by:
- Raf Rentmeesters, Senior Vice President Building Products - NV Bekaert SA.

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

| Table 1: Declaration on essential characteristics  |                                    |
|--|------------------------------------|
| Product type   | Murfor® GER /S                     |
| Type of welded steel wire meshwork   | truss                              |
| Dangerous substances   | No                                 |
| Equiv. Diameter + tol. - longitudinal wire (mm)<br>Flattened profile longitudinal wire + tol. (mm) | 5,0 ± 0,10<br>-                    |
| Diameter + tol. - cross wire   | 3,75 ± 0,10                        |
| Length + tol. (mm)   | 3050 ± 1,5%                        |
| Pitch [b] + tol. (mm)  | 406 ± 3%                           |
| Width [w] + tol (mm)   | 50, 80, 100, 150, 180 ± 5          |
| Material/ coating reference  | R3 Austenitic stainless steel wire |
| Ductility class - Agt % - tensile/yield  | NORMAL                             |
| Shear load capacity of welds (N)   | > 3000                             |
| Characteristic Yield Strength (N/mm <sup>2</sup> )<br>Longitudinal wires                           | 500                                |
| Characteristic Yield Strength (N/mm <sup>2</sup> ) Cross wire                                      | 500                                |
| Bond strength (kN)   | 10,40                              |
| Bond & Anchorage length (mm)   | 244 & 244                          |
| Masonry units and mortar for stated bond strength<br>& anchorage length                            | fb ≥ 5 & fm ≥ M4                   |

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