

**EC Declaration of Performance
Murfor® GER /Z**

**CUSTOMER
INFORMATION**

1. Unique identification code of the product : Murfor® GER /Z
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 /Z
Type of welded steel wire meshwork	truss
Dangerous substances	No
Equiv. Diameter + tol. - longitudinal wire (mm) Flattened profile longitudinal wire + tol. (mm)	5,0 ± 0,10 -
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	R20 Zinc coated steel wire 60g/m ²
Ductility class - Agt % - tensile/yield	NORMAL
Shear load capacity of welds (N)	> 3000
Characteristic Yield Strength (N/mm ²) Longitudinal wires	500
Characteristic Yield Strength (N/mm ²) Cross wire	500
Bond strength (kN)	10,40
Bond & Anchorage length (mm)	244 & 244
Masonry units and mortar for stated bond strength & 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