

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

**CUSTOMER  
INFORMATION**

1. Unique identification code of the product: Murfor® EFS /Z with different widths - see table 1.
2. Type- and traceability info, allowing identification of the construction product as required pursuant to Article 11(4): is provided on the product packaging and product label.
3. Intended use of the construction product in accordance with EN 845-3: 2012.  
Murfor® EFS /Z Welded wire meshwork bed joint reinforcement in STRUCTURAL USES in wall and partitions as covered in the scope of EN 845-3: 2012.
4. Name, registered trade name and contact address of the manufacturer as required pursuant to Article 11(5): NV BEKAERT SA Bekaertstraat 2, B-8550 Zwevegem, Belgium.
5. Not applicable.
6. System of assessment and verification of constancy of performance of the construction product:  
System n°3
7. Notified Labs:  
WTCB - registration nr: 1136 / B-1000 Brussel, Lombardstraat 42  
Performed: Initial Type Testing and issued ITT reports  
ITT report DE 611 XA268-1
8. Not applicable.
9. Declared performance: the essential characteristics per product type are listed in table 1.
10. 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 9.  
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:

Paul De Geyter, senior Quality manager NV Bekaert SA.

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Addendum to pt 9. Declared Performance on essential characteristics – see table 1 in accordance with EN 845-3: 2012.

Table 1: Declaration on essential characteristics	
Product type	Murfor® EFS /Z
Type of welded steel wire meshwork	truss
Dangerous substances	No
Equiv. Diameter + tol. - longitudinal wire (mm) Flattened profile longitudinal wire + tol. (mm)	8,0 x 1,5 ± 0,10 -
Diameter + tol. - cross wire	1,5 ± 0,10
Length + tol. (mm)	3050, 2233 ± 1,5%
Pitch + tol. (mm)	406 ± 3%
Width + tol (mm)	40, 90 ,140 ,190 ± 5
Material/ coating reference	R20 Zinc coated steel wire 60g/m <sup>2</sup>
Ductility class - Agt (%) - Rm/Rp0,2	LOW 0,75 - 1,03
Shear load capacity of welds (N)	> 750
Characteristic Yield Strength Longitudinal wires	650
Characteristic Yield Strength (N/mm <sup>2</sup> ) Cross wire	625
Bond strength (kN)	6,28
Bond & Anchorage length (mm)	244 & 244
Masonry units (N/mm <sup>2</sup> ) & mortar	fb ≥ 1,5 & ≥ M5