

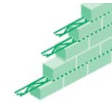


**EN 845-3**

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**NV BEKAERT SA - Bekaertstraat 2 8550 Zwevegem Belgium**

**Product: Brickforce® galvanized**  
**Types: GBF 30, 35, 40, 45, 50**



**Welded wire meshwork, laddertype, for masonry bed joint reinforcement.**

**General properties:**

Durability:	Zinc coated - R 20
Product width: nom (mm)	50 – 60 – 80 – 100 – 150 – 175 – 200
Pitch of cross wire (mm)	450

**Information and regulated characteristics:**

<b>GBF type</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>
Intended use	Welded wire meshwork bed joint reinforcement in structural uses in wall and partitions as covered in the scope of EN845-3.				
Length (mm)	L <sub>nom</sub> (2000 up to 4000)			<b>typical = 2700</b>	
Equivalent diameter longitudinal wire (mm)	3.0	3.5	4.0	4.5	5.0
Characteristic Yield Strength - Re (N/mm <sup>2</sup> ) Longitudinal wire	600	650	775	775	775
Characteristic Yield Strength - Re (N/mm <sup>2</sup> ) Cross wire	550	550	550	550	550
Ductility class <i>Agt%</i> - <i>Rm/Re</i>	LOW >1.8 - >1.03				
Bond & Anchorage Length (mm)	450				
Bond Strength (kN)	7.3	7.3	15.7	15.7	23.5
Masonry units - Mortar for stated Bond & Anchorage length.	$f_b \geq 5 \text{ N/mm}^2$ & $f_m \geq \text{M4}$				