

# Brickforce® GBF50

## Product Data Sheet

### General description

Brickforce® GBF is a ladder type masonry reinforcement element that consists of two longitudinal wires which are welded together by means of a cross wire.

The cross wire is welded to the longitudinal wires in the same plane.

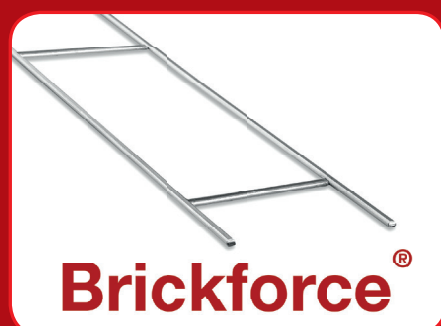
### Application

Brickforce® GBF (galvanised) is suitable for masonry that is exposed to a dry environment (MX1, compliant with Eurocode 6 / EN845-3).

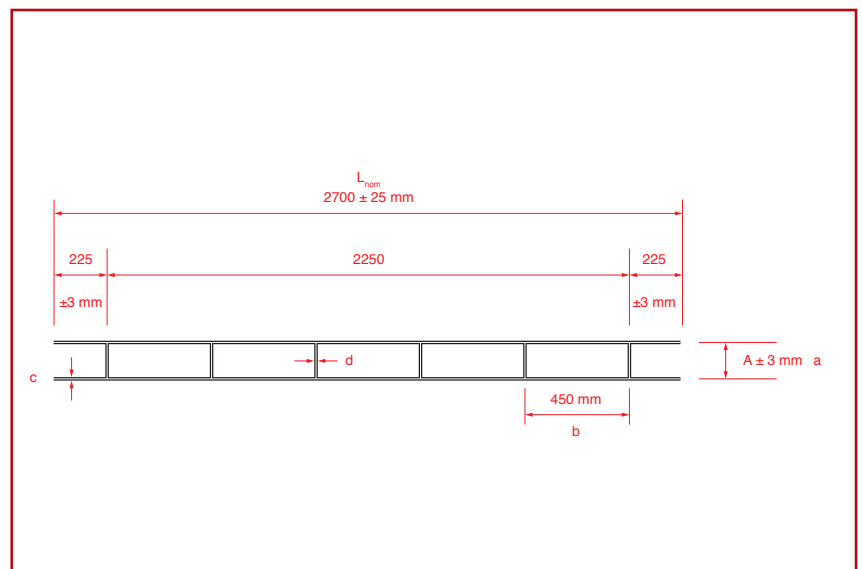
- For masonry that is exposed to humid conditions (e.g. exterior walls) or aggressive environment, Bekaert offers Brickforce® SBF in stainless steel (MX2, MX3, MX4, type in consultation with Bekaert). Please contact us for further details.

Brickforce® GBF is suitable for mortar joints (10 to 12mm thick).

- For thin joints (glued brick systems or thin joint brickwork, Bekaert offers Bricktor® and Brickforce® GTJ. Please contact us for further details.



### Geometry



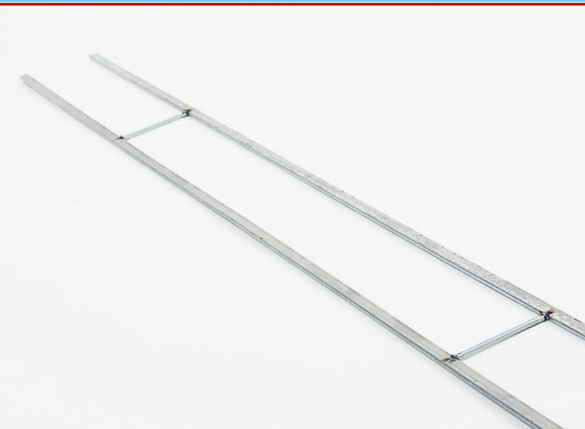
### Dimensions and weights

Material	w	pitch	ø <sub>longitudinal</sub>	profile <sub>longitudinal</sub>	ø <sub>cross-wire</sub>	length	weight
	a	b	c		d	L <sub>nom</sub>	
	mm	mm	mm	mm	mm	mm	kg/pc
Brickforce® GBF50W60	60	450	5,00	3 x 8	2,75	2700	0,925
Brickforce® GBF50W100	100	450	5,00	3 x 8	2,75	2700	0,935
Brickforce® GBF50W150	150	450	5,00	3 x 8	2,75	2700	0,948
Brickforce® GBF50W175	175	450	5,00	3 x 8	2,75	2700	0,954

### Technical specifications

Material	A <sub>longitudinal</sub>	A <sub>cross-wire</sub>	A <sub>TOTAL ex cross-wire</sub>	R <sub>p0.2</sub>	EN 845-3 mat coat ref	Zinc (1)
	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	N/mm <sup>2</sup>		g/m <sup>2</sup>
Brickforce® GBF50W60	19,63	5,9	39,27	500	R20	60
Brickforce® GBF50W100	19,63	5,9	39,27	500	R20	60
Brickforce® GBF50W150	19,63	5,9	39,27	500	R20	60
Brickforce® GBF50W175	19,63	5,9	39,27	500	R20	60

(1) on round wire before any subsequent processing



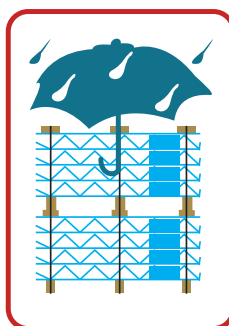
## Packaging

- Elements are packed in bundles of 25 units
- The bundles are stacked on battens.
- The number of bundles per pallet depends on the width of the element (see table below)
- Each bundle has a product label

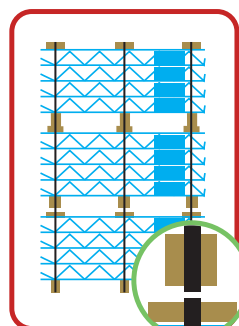
## Packaging units

Material	Per bundle	Per bundle	Per pallet	Per pallet	Per pallet
	pcs	lm	bundles	units	lm
Brickforce® GBF50W60	25	67,5	119	2975	8032,5
Brickforce® GBF50W100	25	67,5	70	1750	4725,0
Brickforce® GBF50W150	25	67,5	49	1225	3307,5
Brickforce® GBF50W175	25	67,5	42	1050	2835,0

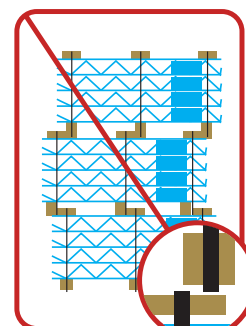
## Storage instructions



STORE DRY



RIGHT



WRONG

## Certificates

- CE, compliant with EN 845-3. The document "EC Declaration of Conformity" is available upon request

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