



Brickforce® GBF40

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).

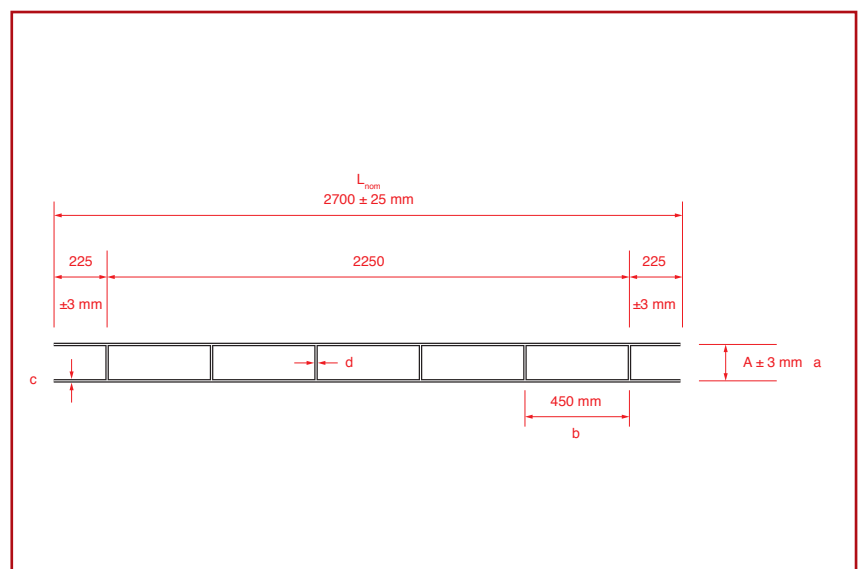
- For masonry that is exposed to humid conditions (e.g. exterior walls) or aggressive environment, Bekaert offers Brickforce® SBF in stainless steel (MX2, MX3, MX4, type in consultation with Bekaert). Please contact us for further details.

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



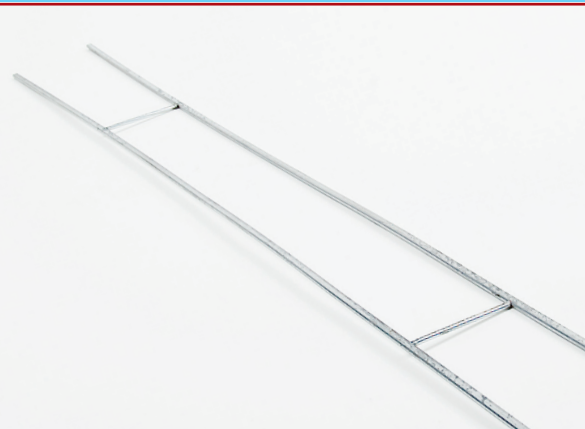
Dimensions and weights

Material	w	pitch	ø _{longitudinal}	profile _{longitudinal}	ø _{cross-wire}	length	weight
	a	b	c		d	L _{nom}	
	mm	mm	mm	mm	mm	mm	kg/pc
Brickforce® GBF40W60	60	450	4,00	2,75 x 5	2,75	2700	0,583
Brickforce® GBF40W100	100	450	4,00	2,75 x 5	2,75	2700	0,593
Brickforce® GBF40W150	150	450	4,00	2,75 x 5	2,75	2700	0,605
Brickforce® GBF40W175	175	450	4,00	2,75 x 5	2,75	2700	0,611

Technical specifications

Material	A _{longitudinal}	A _{cross-wire}	A _{TOTAL ex cross-wire}	R _{p0.2}	EN 845-3 mat coat ref	Zinc (1)
	mm ²	mm ²	mm ²	N/mm ²		g/m ²
Brickforce® GBF40W60	12,57	5,9	25,13	500	R20	60
Brickforce® GBF40W100	12,57	5,9	25,13	500	R20	60
Brickforce® GBF40W150	12,57	5,9	25,13	500	R20	60
Brickforce® GBF40W175	12,57	5,9	25,13	500	R20	60

(1) on round wire before any subsequent processing



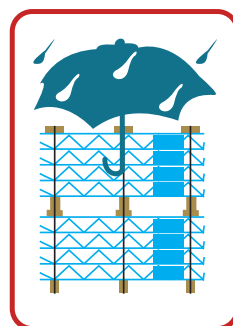
Packaging

- 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

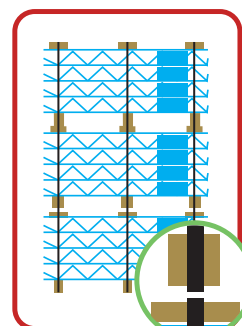
Packaging units

Material	Per bundle	Per bundle	Per pallet	Per pallet	Per pallet
	pcs	lm	bundles	units	lm
Brickforce® GBF40W60	25	67,5	119	2975	8032,5
Brickforce® GBF40W100	25	67,5	70	1750	4725,0
Brickforce® GBF40W150	25	67,5	49	1225	3307,5
Brickforce® GBF40W175	25	67,5	42	1050	2835,0

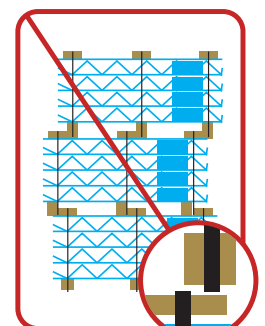
Storage instructions



STORE DRY



RIGHT



WRONG

Certificates

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

Bekaert Ltd.
 The Gateway Business centre
 Unit 7, 5 Leeds Road
 Sheffield S9 3TY, UK
 T +44 1142 427 489
 F +44 1142 427 490
building.uk@bekaert.com

NV Bekaert SA
 Bekaertstraat 2
 8550 Zwevegem
 Belgium
 T +32 56 76 72 92
 F +32 56 76 72 90
infobuilding@bekaert.com
<http://brickforce.bekaert.com>

