

Brickforce® SBF45

Product Data Sheet

General description

Brickforce® SBF 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.

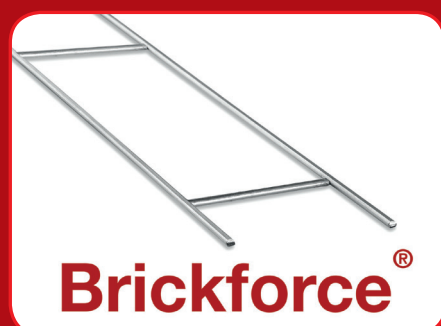
Application

Brickforce® SBF (stainless steel) is suitable for masonry that is exposed to **dampness** (e.g. facades) or an **aggressive** environment (MX2, MX3, MX4 as per Eurocode 6 / EN 845-3, type in consultation with Bekaert) MX1, compliant with Eurocode 6 / EN845-3).

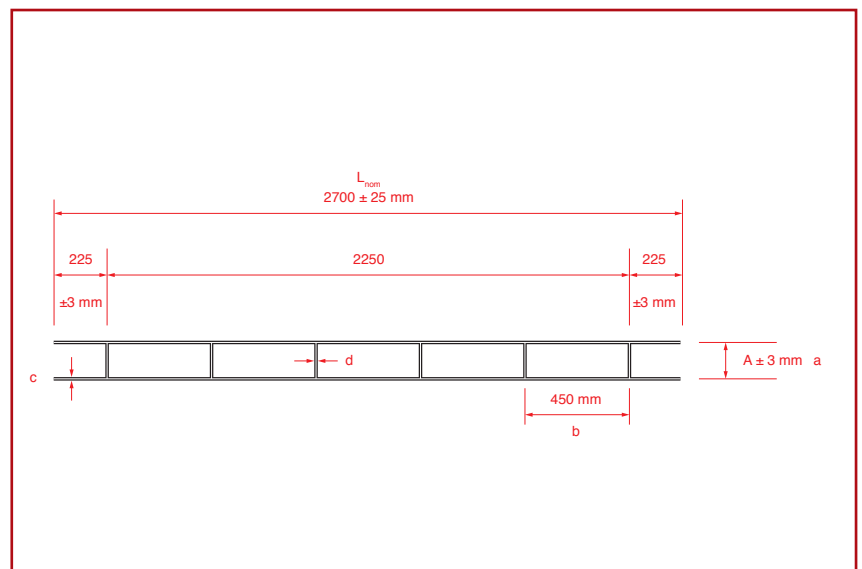
- A galvanized version Brickforce® GBF is available for use in a dry environment (MX1 as per Eurocode 6 / EN 845-3). Please contact us for further details.

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

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



Geometry



Dimensions and weights

Material	w	pitch	$\phi_{longitudinal}$	profile longitudinal	$\phi_{cross-wire}$	length	weight
	a	b	c		d	L_{nom}	
-	mm	mm	mm	mm	mm	mm	kg/pc
Brickforce® SBF45W60	60	450	4,50	2,75 x 6	2,5	2700	0,736
Brickforce® SBF45W100	100	450	4,50	2,75 x 6	2,5	2700	0,744
Brickforce® SBF45W150	150	450	4,50	2,75 x 6	2,5	2700	0,754
Brickforce® SBF45W175	175	450	4,50	2,75 x 6	2,5	2700	0,758

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® SBF45W60	15,90	4,9	31,81	500	R3	NA
Brickforce® SBF45W100	15,90	4,9	31,81	500	R3	NA
Brickforce® SBF45W150	15,90	4,9	31,81	500	R3	NA
Brickforce® SBF45W175	15,90	4,9	31,81	500	R3	NA

(1) on round wire before any subsequent processing



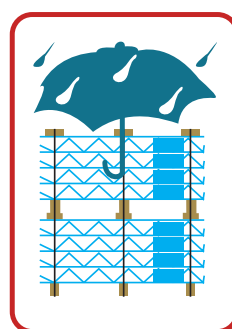
Packaging

- Elements are packed in bundles of 20 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

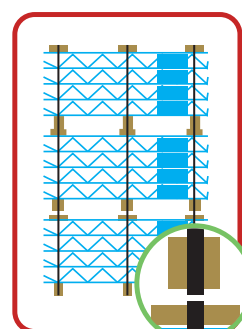
Packaging units

Material	Per bundle	Per bundle	Per pallet	Per pallet	Per pallet
	pcs	lm	bundles	units	lm
Brickforce® SBF45W60	20	54,0	119	2380	6426,0
Brickforce® SBF45W100	20	54,0	70	1400	3780,0
Brickforce® SBF45W150	20	54,0	49	980	2646,0
Brickforce® SBF45W175	20	54,0	42	840	2268,0

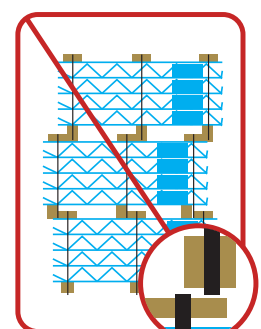
Storage instructions



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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