

# Brickforce® SBF40

## 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).

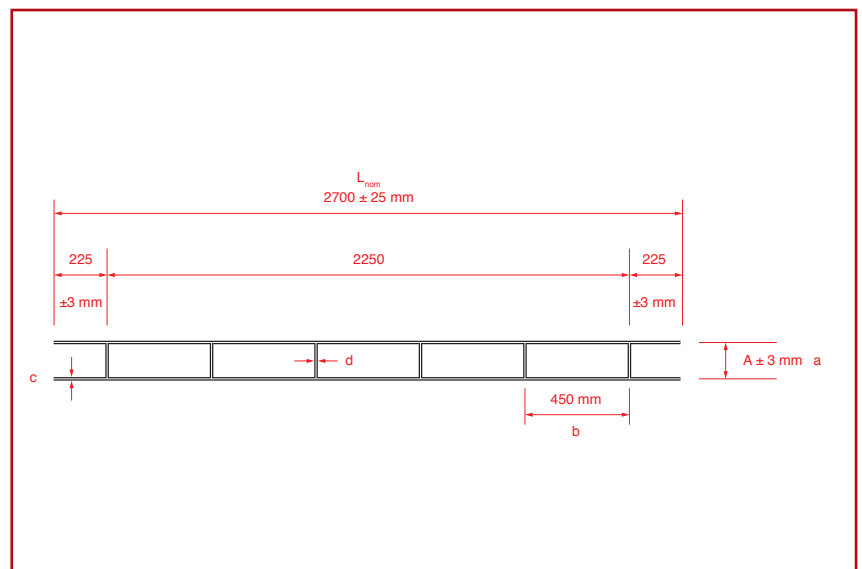
- A galvanized version Brickforce® GBF is available for use in a dry environment (MX1 as per Eurocode 6 / EN 845-3). Please contact us for further details.

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



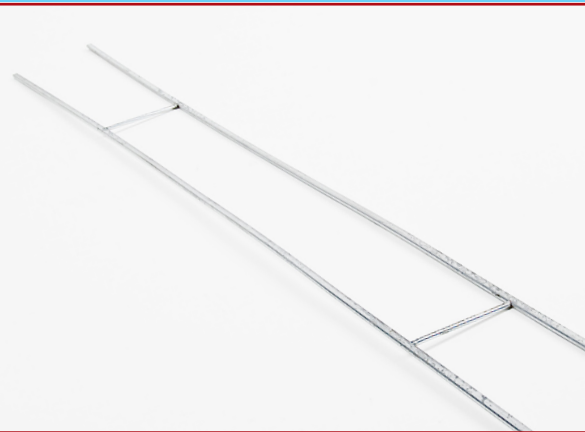
### Dimensions and weights

Material	w	pitch	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® SBF40W60	60	450	4,00	2,75 x 5	2,5	2700	0,575
Brickforce® SBF40W100	100	450	4,00	2,75 x 5	2,5	2700	0,583
Brickforce® SBF40W150	150	450	4,00	2,75 x 5	2,5	2700	0,592
Brickforce® SBF40W175	175	450	4,00	2,75 x 5	2,5	2700	0,597

### 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® SBF40W60	12,57	4,9	25,13	500	R3	NA
Brickforce® SBF40W100	12,57	4,9	25,13	500	R3	NA
Brickforce® SBF40W150	12,57	4,9	25,13	500	R3	NA
Brickforce® SBF40W175	12,57	4,9	25,13	500	R3	NA

(1) on round wire before any subsequent processing



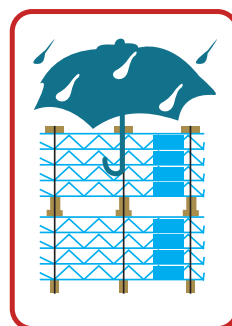
## Packaging

- 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

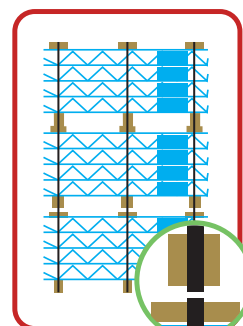
## Packaging units

Material	Per bundle	Per bundle	Per pallet	Per pallet	Per pallet
	pcs	lm	bundles	units	lm
Brickforce® SBF40W60	20	54,0	119	2380	6426,0
Brickforce® SBF40W100	20	54,0	70	1400	3780,0
Brickforce® SBF40W150	20	54,0	49	980	2646,0
Brickforce® SBF40W175	20	54,0	42	840	2268,0

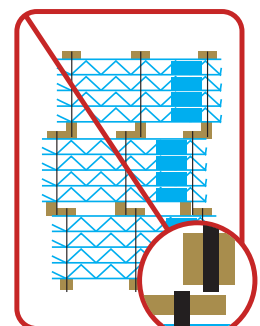
## Storage instructions



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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