

Brickforce® SBF50

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.

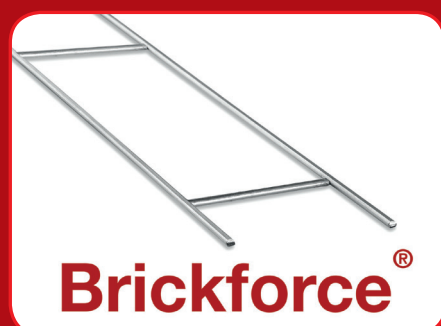
Application

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).

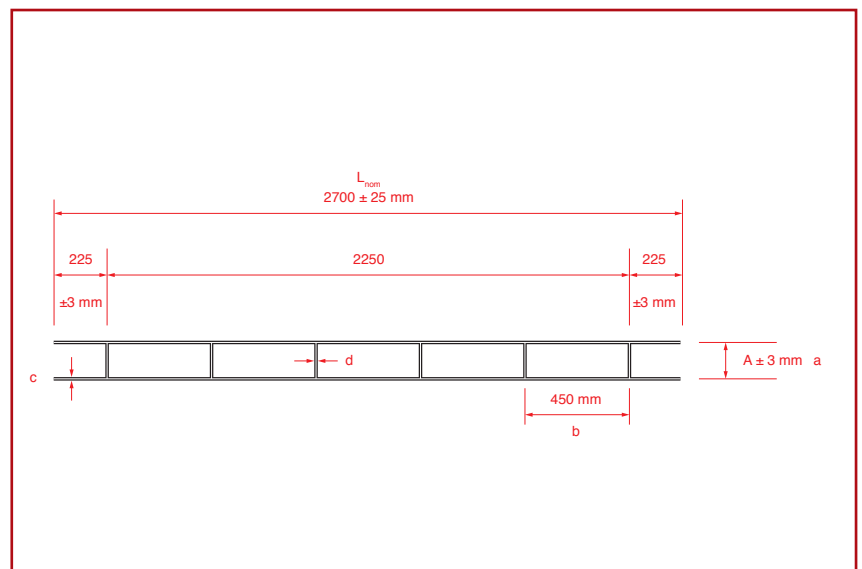
- A galvanized version Brickforce® GBF is available for use in a dry environment (MX1 as per Eurocode 6 / EN 845-3). Please contact us for further details.

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 _{longitudinal} | profile _{longitudinal} | ø _{cross-wire} | length | weight |
|-----------------------|-----|-------|---------------------------|---------------------------------|-------------------------|------------------|--------|
| | a | b | c | | d | L _{nom} | |
| - | mm | mm | mm | mm | mm | mm | kg/pc |
| Brickforce® SBF50W60 | 60 | 450 | 5,00 | 3 x 8 | 2,5 | 2700 | 0,918 |
| Brickforce® SBF50W100 | 100 | 450 | 5,00 | 3 x 8 | 2,5 | 2700 | 0,925 |
| Brickforce® SBF50W150 | 150 | 450 | 5,00 | 3 x 8 | 2,5 | 2700 | 0,935 |
| Brickforce® SBF50W175 | 175 | 450 | 5,00 | 3 x 8 | 2,5 | 2700 | 0,940 |

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® SBF50W60 | 19,63 | 4,9 | 39,27 | 500 | R3 | NA |
| Brickforce® SBF50W100 | 19,63 | 4,9 | 39,27 | 500 | R3 | NA |
| Brickforce® SBF50W150 | 19,63 | 4,9 | 39,27 | 500 | R3 | NA |
| Brickforce® SBF50W175 | 19,63 | 4,9 | 39,27 | 500 | R3 | NA |

(1) on round wire before any subsequent processing



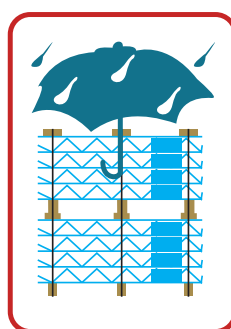
Packaging

- 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

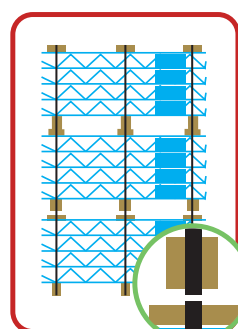
Packaging units

| Material | Per bundle | Per bundle | Per pallet | Per pallet | Per pallet |
|-----------------------|------------|------------|------------|------------|------------|
| | pcs | lm | bundles | units | lm |
| Brickforce® SBF50W60 | 20 | 54,0 | 119 | 2380 | 6426,0 |
| Brickforce® SBF50W100 | 20 | 54,0 | 70 | 1400 | 3780,0 |
| Brickforce® SBF50W150 | 20 | 54,0 | 49 | 980 | 2646,0 |
| Brickforce® SBF50W175 | 20 | 54,0 | 42 | 840 | 2268,0 |

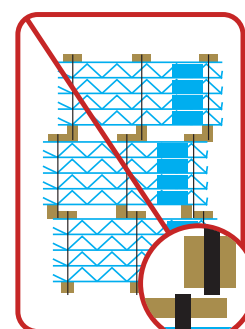
Storage instructions



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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