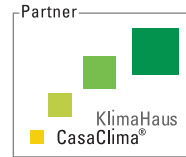




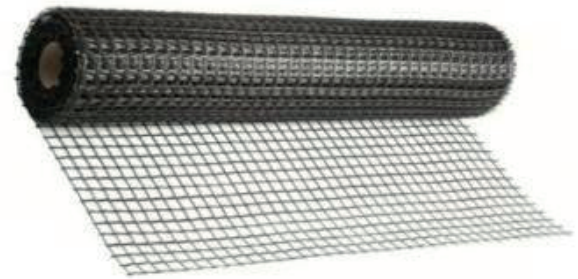
SACENET BASALT 50

BFRP COMPOSITE MESH FOR CONSTRUCTION
25X25 MM, 50/50 KN



DESCRIPTION

BFRP basalt construction mesh is a material with a leno structure formed by high-strength elastic basalt wire ribs, fixed at the knots with a stitching wire, forming square cells, the size of which is ideal for use with FRCM mortars. The mesh is treated with special compounds to improve its alkali resistance properties and increase its stability.



APPLICATION

- Reinforcement of masonry works in order to increase their load-bearing capacity, during construction and restoration of residential and public building structures made of various masonry materials (silicate and ceramic bricks, stone, cellular concrete blocks);
- For reinforcing large-format ceramic stone masonry walls with a void greater than 30% to save mortar in wall joints and ensure the standard thermal conductivity of stone walls;
- As connection elements in multi-layer masonry when connecting brick facing layers with the main inner layer of walls made of various wall materials;
- For reinforcing foundations and screeds;
- Reinforcing the waterproofing of residential premises (basements, swimming pools).

TECHNICAL DATA

DIMENSION

Handle, mm	25x25
Weight, g/m ²	220 ± 5%
Roll dimensions, cm / m	Ø17 x 100

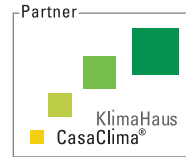
MECHANICAL CHARACTERISTICS

DESIGNATION	UNIT	WARP	WEFT
Tensile strength of the net per linear metre, average	kN/m.	54	54
Tensile strength of the net per linear metre, characteristic	kN/m	50	50
Elasticity modulus	mPa	55.000	55.000
Elongation	%	4,0	4,0



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PHYSICAL AND CHEMICAL PROPERTIES

DESIGNAZIONE	UNIT	DESCRIPTION
Type of fibre	-	Continuous filament basalt fibre
Primer	-	Alkali-resistant polymeric compound
Impregnation content in the finished product, % by weight	%	13
Corrosion resistance	-	Non-corrodible
Electrical conductivity	-	Dielectric
Environmental compatibility	-	Non-toxic, hazard class 4
Magnetic properties	-	Not affected by magnetic fields
Radio interference	-	Transparent radio
Recyclability	-	Recyclable

ADVANTAGES

- Stronger than steel;
- Easy to lay, lightweight, compact;
- Does not injure hands;
- Stays flat on the wall when laid;
- Can be cut to any desired size and width;
- Resistant to aggressive environments including alkaline solutions.

PRODUCTION SHSHAPE AND LOAD

Produced in 1 m wide, 50 and 100 m long rolls.
Black colour. Loaded in lorries, containers and rail transport on pallets.

STORAGE, TERMS AND CONDITIONS OF USE

Store in a dry place protected from rain and direct sunlight.
Before use, clean the product of dust, grease, oil and any other material that may reduce adhesion to concrete and cement mortar.
Avoid mechanical impacts on the product during loading, unloading, transport and storage.