



BSMAT

3 Ply uncoupling mat

- Three layer uncoupling mat
- Fast and easy to apply
- Ideal on underfloor heating
- Ideal on plywood and chipboard



TECHNICAL FEATURES:

BSMAT is a 3 Ply uncoupling mat used to protect floor tiles against movement in the substrate. It protect the floor under thin-set tile installation from moisture migration and cracks.

AREAS OF APPLICATION:

BSMAT is used to protect floor tiles against movement in the substrate. It protects the floor under thin-set tile installation from moisture migration and cracks. It can be applied beneath ceramic tiles, natural stone and synthetic stone finishes in internal areas, on cement and anhydrite based screeds, concrete slabs, old ceramic tiles, plywood and wooden boards.



TECHNICAL
ASSISTANCE



INSURANCE
GUARANTEE



TECHNICAL
MEETINGS



PROFESSIONAL
USE

CONTRACT ITEM SPECIFICATIONS:

Supply and setting of a decoupling membrane composed by two external layers in polyurethane, in non-woven sheet and an internal reinforcement in fiberglass net to protect tile floors from the movements of the substrate, as BSMAT by BENFER S.r.l. the application must be finalized with flexible adhesive by BENFER S.r.l. , with normal or rapid setting , such as BENFERFLEX+S1.

METHOD OF USE:

Cut the BSMAT to size with a knife or scissors. Using either a 4 mm or 6 mm notched trowel, comb the chosen adhesive (every BENFER flexible adhesive slow set or rapid set is suitable), onto the substrate to an area approx. 10 cm wider than the mat. Subsequently lay the membrane into the adhesive bed and press in with a smooth trowel or roller ensuring that there are no voids or folds. Ensure that the membrane is completely bedded with full transfer of adhesive. Cut membrane sections are to be butt jointed flush against each other.

ADVICE:

- Always follow the valid laws of the country where you are using the product
- Do not coat or apply solvent-based products on BSMAT.

PRODUCT TECHNICAL DATA

Basis:	Composite material made of 2 external parts in polypropylene non tissue and an internal part in glass fiber
Color:	White
Thickness:	0,85 mm
Large:	1000 mm
Weight:	270 gr/m
Storage and durability:	5 years in the original closed package in a cool dry place
Application temperature:	From + 5° C to + 35° C
Longitudinal rupture loading:	1115 N/50 mm
Transversal I rupture loading:	1290 N/50 mm
Longitudinal elongation:	8 %
Transversal elongation:	7 %
Chemical Resistance after 7 days at 22°C to the following chemical substances:	
Hydrochloric acid 3%:	Resistant
Sulfuric acid 35%:	Resistant
Citric acid 100g/lit:	Resistant
Lactic acid 5%:	Resistant
Potassium hydroxide 3%:	Resistant
Sodium hydroxide 0,3 g/lit :	Resistant
Sea water 20 gr/lit:	Resistant
Resistance to temperature:	From -5°C to + 90°C

PLEASE NOTE: The information given in this chart is based on our best experience and indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from utilization of the product.