

FIBERMAT

Non-woven Glass Fiber Mesh Reinforcement for Matex® Liquid Applied Membrane Systems

Description:

FIBERMAT is a non-woven mat made from glass filaments, consisting of chopped fibres randomly and yet evenly orientated. The 50mm length chopped fibres are coated with silane coupling agent and are held together using emulsion binder.

FIBERMAT reinforcement is mainly used for Matex® liquid membrane systems. It is a ready to use, thin yet strong mesh. It reinforces and improves the performance of Matex® liquid applied waterproofing membranes. This will produce an excellent balance of cost and performance producing an end result that is good in mechanical and chemical resistance properties.

Uses:

- Reinforcement for Matex® liquid applied membrane systems
- For new construction and renovation projects
- Embedment with waterproofing and crack isolation membranes
- Can be used on critical areas, coves or corners, around drains on residential and commercial applications.
- Suitable for use in hot climate conditions.
- For roofs with limited accessibility and with intricate designs.

Advantages:

- Easy and quick application, ready to use and can be cut with scissors or razor knife.
- Easy adjustment on difficult designs
- Suitable for use in tropical climate conditions
- Applied material will be more resistant to direct impact, less prone to cracks and more resilient in the long run
- Increase mechanical properties of the system
- Low resin consumption
- High mechanical strength of parts
- Superior acid corrosion resistance

Instructions for Use:

Surface Preparation:

All surfaces should be sound, clean, dry and free from loose material, efflorescence, laitance, curing compounds; dirt, oil and grease. Substrate should be structurally sound and free from all impurities that may hinder proper adhesion of products. Substrate must be mechanically cleaned. Grinding might be necessary to level the surface.

***For further surface preparation instruction, refer to the Method Statement or Technical Data sheet of the liquid membrane to be applied prior to applying the FIBERMAT.**

Mixing:

Product is a sheet; mixing is not applicable. However, liquid applied membrane needs to be prepared by mixing, refer to the individual Technical Data Sheet or Method of Statement of the liquid membrane used.

Application:

FIBERMAT is applied with the combination of Matex® liquid applied systems.

Apply a coat of the Matex liquid applied membrane. Thickness, consumption rate, application process will be available on the individual data sheet of the liquid membrane to be used. Always, begin with details prior starting with waterproofing the horizontal surface.

Roll in FIBERMAT and ensure that no air bubbles or creases formed upon application. Overlapping of FIBERMAT must be minimum 5 cm and ensure overlaps are sufficiently wet to bond.

Use roller, squeegee or brush to press FIBERMAT onto the coating. First coat of the liquid membrane is needed to still be in liquid form when you apply the FIBERMAT. After spreading the FIBERMAT on the first coat of liquid membrane, wait till the first coat is dry enough to walk on then apply the second coat to seal the roof.

FIBERMAT

PRODUCT INFORMATION	
Composition	Non-woven random glass fibre matting
Appearance/Color	White
Mass per unit area	225 g/m ²
Breakage Strength	≥80N

Standards:

- BS 14118
- IS 11551

Packaging:

Rolls:

- 1.1 wide x 115 m long

Storage:

Store in a cool and dry place in original, unopened and undamaged sealed packaging in temperatures between +5°C and +35°C.

Shelf Life:

Product does not expire if correctly stored as per storage recommendation.

Cleaning:

Wet the floor and use a vacuum with a filter to remove fiberglass dust. Never dry sweep fiberglass dust.

Refer to the technical data sheet of the individual liquid membrane used for the cleaning.

Remarks:

- Once substrate is cured where fiberglass is applied, some fibers might be visible and have a textured look.

Health and Safety:

- Wear long-sleeved and fitting clothing when handling fiberglass materials. Material may cause temporary skin irritation.
- Dust is produced when fiberglass is trimmed or cut, exposure to the fiber present in the dust may cause rash on the outer layer of the skin
- Eyes may become red and irritated after exposure to fiberglass
- Wash with mild soap and clean warm water and wipe with a washcloth after handling the materials. Gloves, goggles maybe appropriate to use in some operation.

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This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

