

Description

Waterproof Mat is a fiber reinforcing mesh for incorporation into a wide range liquid applied waterproofing membrane.

Advantages

- Easy to use and handle
- Economical
- Good wetting properties
- Improves tensile strength of liquid applied waterproofing membrane

Uses

- As a reinforcement to a wide range of protective coatings, including modified bitumens, acrylics, polyurethane membranes & flexible cementitious membrane for roofing, pipe wrapping and tank lining, etc.
- Ideal for use in building up required thickness for coatings.

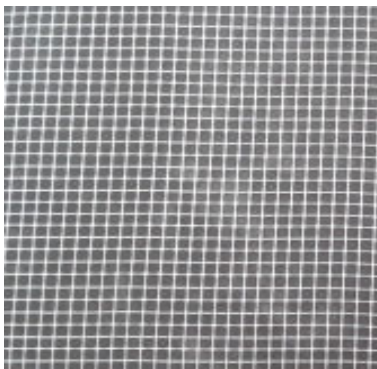
Technical Data

Color	Finished weight
Weave	Plain
Finished weight	45gm/m ² or 60gm/m ²
Elongation	> 2.5%



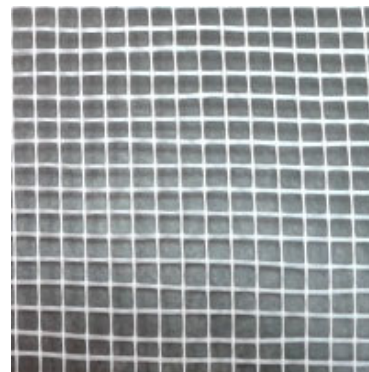
Waterproof Mat Model

Waterproof Mat2.5



Size: 2.5mm x 2.5mm x 45g/m²
1m x 100m / roll

Waterproof Mat 5



Size: 5mm x 5mm x 60g/m²
1m x 100m / roll

Description

Waterproof Mat Fabric is a non-woven, spun bonded polyester fabric. Produced from an advanced technology, Mesh Fabric comprise of a continuous polyester filament which provides a high performance reinforcement for waterproofing system.

Advantages

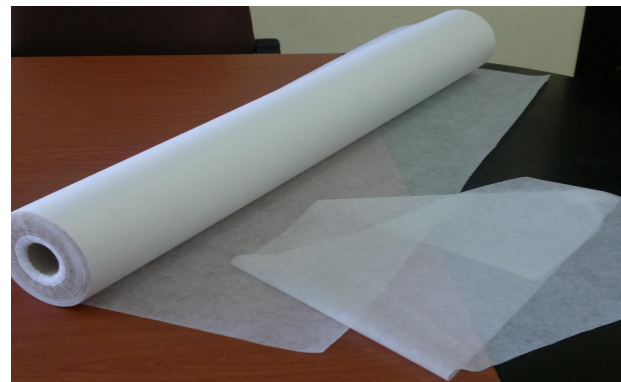
- High tensile strength and lightweight
- High dimensional stability against heat
- High heat resistance
- High UV resistance
- Resistance to rot
- Excellent wetting properties
- High air and water permeability
- Conforms easily to difficult substrate profiles

Uses

- As a reinforcement to a wide range of protective coatings, including modified bitumen, acrylics, polyurethane membranes & flexible cementitious membrane for roofing, pipe wrapping and tank lining, etc.
- Ideal for use in building up required thickness for coating.

Technical Data

Weight	30g/m ²
Thickness	0.14mm
Tensile Strength (MD)	11kg/5cm
Tensile Strength (CD)	4kg/5cm
Elongation (MD)	25 %
Elongation (CD)	20 %
Tear Strength	0.90kg



Waterproof Mat Fabric (Non Woven)

Waterproof Mat Fabric (Non Woven)



Size: 1.524m x 100m / roll

Waterproof Mat

Reinforced Fiber Mat Data Sheet

Substrate Preparation

Clean off all moss, dirt and loose material. Ensure that surfaces to be coated are free from contamination i.e. oil, grease and loose particles, decayed matter, moss and algae growth.

This is best achieved by water-jetting, scrubbing or other approved mechanical means.

Where moss or other growths have occurred, treatment with suitable chemicals should be carried out after the initial cleaning process followed by further washing to flush away the chemicals.

Application

Prime the surface to be reinforced with an appropriate primer or base coat. Allow to dry. Apply a layer of the chosen protective coating by brush or spray over the clean surface of the structure being treated. Immediately, unroll the woven polyester fabric over the coated surface and thoroughly embed with a brush or squeegee. Upon drying, apply second or subsequent coats till the required thickness is achieved.

Provide a minimum 75mm and 100mm and side lapping respectively. It is important that the woven polyester fabric is adequately smoothed across the surface to avoid any wrinkling effect. Pipes are usually spirally wrapped by hand or machine with adequate overlap, using a narrow strip of fabric that has been slit to the required width.

Safety Handling Precautions

Flammability: Non-flammable

Skin contact: Does not have any effect on sensitive skin.

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