



Monoprufe Fabric

High Performance Flexible Polyester Reinforcement

Description

Monoprufe Fabric is a tough and flexible yet lightweight reinforcement fabric that can be readily shaped and if necessary cut on site according to the application requirements.

Based on a fine polyester thread Monoprufe Fabric is woven into a unique pattern that allows the material to flex and stretch in 360° whilst still retaining strong reinforcing properties.

Monoprufe Fabric is specifically suitable for use with Monoprufe, Monoprufe RTU and Monoprufe X range of waterproofing products.



Benefits

- ✘ Polyester for ultimate strength
- ✘ Unique design for flexibility
- ✘ Thin section can be embedded into a thin detailing layer
- ✘ Easy to use
- ✘ VOC free

Uses

- ✘ Reinforcement of wet applied membranes around details such as :
 - Flat roofs & skylights
 - Exposed ancillary fittings
 - Joints and arrises
- ✘ Internal and external applications

Key Performance Indicators

- ✘ Elongation at break up to 50%
- ✘ Zero resistance up to 20% elongation
- ✘ Mesh tensile strength ~19MPa

Specification Clause

The Reinforcing Fabric shall be Monoprufe Fabric by Ronacrete (Far East) Limited, tel. (852) 2865 5872. All materials to be applied strictly in accordance with manufacturer's instructions.

Technical Data (at 25°C, lab conditions)

Elongation at Break	~50 %
Mesh Tensile Strength	~19 MPa

Packaging

Monoprufe Fabric is supplied in rolls of 30m x 250mm wide.

Application (Please Refer to the Method Statement and MSDS)

Preparation

Monoprufe Fabric can be embedded into any cold liquid applied non-solvented waterproofing membrane.

Monoprufe Fabric is supplied in 30m lengths at a standard width of 250mm. This is suitable for application over and around complex detail, where a lot of movement is expected such as interfaces between different materials for example metal roofs and concrete parapets, or plastic protrusion through concrete.

For normal application over simple joints and arrises the material can be cut to 100mm wide in order to provide 50mm either side of the joint.

Length can cut according to the requirement.

Installation

Please refer to the data sheet for the liquid membrane with which Monoprufe Fabric will be used.

Generally Monoprufe Fabric should be embedded into an additional intermediate coat of liquid applied membrane.

Shelf Life and Storage

Monoprufe Fabric should be stored at temperatures between 10°C and 30°C. Shelf life is indefinite.

Health and Safety

Monoprufe Fabric is non-hazardous but care and appropriate protective equipment should be used when cutting to avoid injury from cutting implements.

Technical Service and Support

Ronacrete provide free technical advice and support during design and installation of all systems for flooring, concrete repair, bonding, bedding and waterproofing. If you need any further information including method statement or additional technical data sheet, contact the Ronacrete Technical Department on (852) 2866 4365 or visit our web site www.ronacrete.com.hk

Guarantee

Ronacrete products are guaranteed fit for purpose and of merchantable quality.

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