

MC-Fiberglass

Alkali resistant glass mesh.

PRODUCT DESCRIPTION:

- **MC-Fiberglass** is made from glass fibers that have been treated with a special backing that gives the fiber mesh an alkali resistance and increased adhesion to waterproofing products.
- As the waterproofing layer cures, this reinforcement helps prevent the formation of cracks caused by uneven displacement or expansion between different layers of material.
- Fiberglass mesh also facilitates to increase in the thickness of the waterproofing layer in order to increase its durability of the waterproofing layer and increase its resistance to temperature changes and abrasive effects.
- Suitable for two-component cementitious-polymer waterproofing membrane.

PRODUCT PROPERTIES:

- Fiberglass reinforced with high alkali resistance.
- Does not create wrinkles or folds.
- Increases adhesion of waterproofing materials.
- Easy construction.

AREAS OF APPLICATION:

- **MC-Fiberglass** is used to reinforce waterproof surfaces for:
 - Roof deck.
 - Water tank.
 - Pool.
 - Basement floors and walls.
- Increased tear resistance for crow's feet cracked concrete substrates.
- Corner reinforcement at the floor and wall contact areas.

APPLICATION NOTES:

- **Substrate preparation:** The substrate surface must be cleaned, removing all dirt, grease and other impurities present on the construction surface. Uneven rough surfaces need to be smoothed with specialized grinding equipment.
- **Mixing:**
 - **MC-Fiberglass** needs to be completely covered with the waterproof layer on the surface, applied as follows:
 - Right after the first layer of waterproofing is applied, the waterproofing membrane is still wet, spread **MC-Fiberglass** evenly on the surface and use roller or brush gently press until **MC-Fiberglass** is completely covered in the second waterproof layer.
 - Wait until the surface of the waterproof layer is completely dry, the remaining layers can be applied according to the required norm of each type of product.
 - Note: Minimum length between the two **MC-Fiberglass** sheets is 5-10cm to ensure the product's performance.
- **Curing:** After application, the surface of the waterproofing layer should be covered with a protective mortar to avoid external mechanical influences from damaging for vulnerable locations.
- **Cleaning:** Use clean water to clean tools and equipment immediately after application done.

- **Safety information: MC-Fiberglass** does not contain any harmful substances that need to be labeled, very safe in the conditions of normal use of protection such as gloves, goggles, etc.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Density	g/m ²	150 ± 5%	
Fiber mesh size	mm	3	(3,25 – 3,75 liter/25kg)
Alkali resistance		Available	According to ETAG 004 . instructions
Tensile strength	N/mm	40	

Safety advice:

Please note the safety information and advice given on the packaging labels and safety data sheets.

PRODUCT CHARACTERISTICS:

Color	White
Packaging	50 m/roll 1m . wide
Storage	In cool, dry conditions, in unopened packaging.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

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