

HYDROTEX

Non-woven, polypropylene fabric for waterproofing membrane reinforcement

Description:

HYDROTEX is a non-woven, polypropylene fabric mainly used in the reinforcement of waterproofing membranes. It is closely combined with waterproofing membranes due to its moisture resistance, breathability, and flexibility. It maximizes the membrane strength including vulnerable areas such as corners and construction joints. It aids the waterproofing membrane in protecting concrete surfaces particularly in areas that are prone to deformations or cracking but maintains the waterproofing flexibility.

Uses:

- Embedment with waterproofing membranes for the protection of concrete surfaces particularly those subject to deformations and cracking.
- Large-scale containment basins, foundations.
- Can be used on critical areas and corners.
- Swimming pools, bathrooms, shower booths cubicles/wet rooms.
- For roofs with limited accessibility and with intricate designs.
- Retaining walls, terraces

Advantages:

- Superior impact resistance
- Suitable for use in tropical climate conditions
- Less prone to cracks and more resilient in the long run
- Increase mechanical properties of the system
- Exhibits good tear and tensile strength
- Resistant to alkalis
- Easy and quick application, ready to use and can be cut with scissors or razor knife.
- Easy adjustment on difficult designs therefore can be adapted to the profile of all types of substrates.
- Lightweight and economical

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. If repair is necessary, MATEX repair product ranges are available.

Ensure that cementitious render is cured minimum 7 days and is well bonded to the substrate and free from all contaminations. Dampen absorbent surfaces with water before the product application.

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

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:

Apply a coat of the MATEX waterproofing membrane manually in uniform layer of 1 mm thick. (Consumption rate, application/preparation process will be available on the individual data sheet of the liquid membrane to be used).

While waterproofing membrane is still fresh, carefully lay the HYDROTEX onto the surface and press it firmly. Adjacent sheets of HYDROTEX must overlap by at least 5 cm at both longitudinal and transverse junction points.

Use roller, squeegee or brush to press the HYDROTEX onto the coating and make sure that it is perfectly wetted. Ensure that no air bubbles or creases formed upon application of HYDROTEX.

HYDROTEX

Wait till the first coat is dry enough to walk on then, apply a second coat of waterproofing membrane in order to completely cover the HYDROTEX sheet.

TECHNICAL DATA	
Appearance	White
Weight	60 g/m ²
Thickness	0.5 mm
Tensile Strength	3.2 KN/m
Elongation	50%
Puncture Resistance	300 N
Chemical Resistance	Excellent

Packaging:

HYDROTEX is available in rolls 1 x 100 m.

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:

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

When non-woven fabric is cut, it may produce dust, clean the area with vacuum.

Health and Safety:

- Wear gloves and goggles when using the product for precautionary measures.
- Product is non allergenic, non-toxic and non-irritating.
- In case of sensitivity to non-woven fabrics, when in contact with skin, wash with soap and water.
- Follow the safety requirements imposed in the workplace.
- Product is for industrial and professional use only.

MATEX Rev.01-0525

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.

