

BETOFIBER POLIESTER

Non-woven polyester geotextile for reinforcing liquid waterproofing polymeric membranes.

BETOFIBER POLIESTER is a solvent-resistant polyester fibre geotextile, for reinforcing singular points and problem areas when applying polymeric waterproofing membranes.

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FIELDS OF APPLICATION

- Reinforcing polymeric waterproofing membranes.
- Reinforcing singular points such as angles, sharp edges and rounded edges.
- Reinforcing cracks, concrete joints and active fissures before waterproofing with liquid membranes.
- Reinforcing all the joins and meetings between different materials and with different expansion coefficients.

PROPERTIES

- Solvent-resistant.
- Excellent structure adapting capacity.
- It provides greater mechanical strength to liquid waterproofing membranes.
- It facilitates the capacity of the impermeable membranes to absorb substrate movements.
- It facilitates the optimum thickness distribution.
- Additional protection or reinforcement with a minimum loss of mechanical strength.
- It does not contain Volatile Organic Components (VOC).

HOW TO USE

Preparing the substrate:

The substrates must be firm, dry, clean, free of any loose particles, oils, grease, dust, release agent remains or any other substance that can affect adhesion strength. Irregularities or surface damage to the substrate must be treated beforehand so as to provide a surface with as regular, smooth and even a finish as possible, which helps to distribute and cover with the membrane.

Any possible cracks and fissures must be sealed before applying the product membrane.

Expansion joints must be prepared and treated with **BETOFLEX** systems.

Fixing:

Place **BETOFIBER POLIESTER** between two layers of product, on the first layer of fresh material, spreading the geotextile and saturating it with the help of a roller. Avoid trapping any air by folds, bags, wrinkles or imperfections forming.

The join between geotextiles is to be overlapped with a width of at least 5 cm.

PACKAGING

Rolls of 1.05 m wide by 100 m long (105 m²).

STORAGE

It can be stored for unlimited time, in its original closed packaging, in vertical position, a dry, covered place, protected from rain, humidity and freezing temperatures.

INDICATIONS TO TAKE INTO CONSIDERATION

- Check the total adherence of **BETOFIBER POLIESTER** to the first membrane layer before applying the second layer.
- Ensure a good overlap between geotextiles.
- Do not use cement products to fix it.

TECHNICAL DATA

Wide	105 cm
Length	100 m
Weight	50 g/m ²
Thickness	0.43 mm
Maximum longitudinal tensile strength	60 N / 50 mm
Maximum transverse tensile strength	60 N / 50 mm
Longitudinal elasticity	20 %
Transverse elasticity	20 %
Longitudinal shrinkage	< 3,3 %
Transverse shrinkage	< 3.3 %

HEALTH AND SAFETY

All the information about conditions of usage, use, storage, transport and removing chemical waste is available on the product Safety Data Sheet.

The product and its packaging must be disposed of according to current legislation and it is the responsibility of the product end user.

LEGAL NOTICE

The data contained in this document is based on our experience and technical knowledge, gained during laboratory assays, and our bibliography. We will not be responsible for any product applications not indicated in this file. The dosage and consumption data are only guidelines, based on our experience, and may alter due to atmospheric or on-site conditions. For correct dosage and usage amounts, it is necessary to conduct a trial or assay "in situ", for which the client is responsible. If you have any doubts or require additional information, please contact our technical department. December 2016.