

Geotextile for liquid waterproofing reinforcement

DESCRIPTION AND APPLICATIONS



Thermowelded geotextile fabric made of synthetic polyester/polyamide fibres. Designed as a supplementary reinforcement of Impermax membranes. Suitable for specially reinforced application or when optimal spreading of the liquid membrane is difficult. Ensures a better, constant layer thickness over difficult surfaces, with a minimum loss of the original mechanical properties.

- Fully compatible and absorbent of solvent borne products.
- Easy to adapt to irregular surfaces and edges.
- Elastic. It does not impair greatly the original membrane properties.
- It provides a reinforced protection as a base for ceramic tile. Reduces friction on the waterproofing membrane and increases puncture resistance. Improves capillary water drainage.
- Base protection for Impermax application on very irregular substrates.
- Helps to spread evenly this product and ensure a constant thickness, especially when Impermax is applied by spraying.
- Helps to create an inner stopper when filling expansion joint spaces, preventing waste of liquid product.



CERTIFICATIONS



ETA: European Technical Agreement Document Nº 10/0296 – 25 year CE marking. Use as reinforcing fabric.

TECHNICAL DATA

PRODUCT INFORMATION BEFORE APPLICATION

	Geomax	Geomax Protec
Composition	Polyamide/polyester r fibre	Polyamide/polyester fibre
Weight g/m²	83.7	200
Thickness mm	0.65	1.2
Tensile strength, kN Longitudinal	1.85	1.80
Tensile strength, kN Transversal	4.21	1.8
Longitudinal elongation %	93	32
Transversal elongation %	94	60
Indentation resistance kN	0.50	0.40
Water permeability m/s		4.4*10 ⁻²
Plain water flow m²/s		3.2*10 ⁻⁵
Packaging	0.3x100 m rolls (30 m ²), 1,5 x 100 m rolls (150 m ²)	1x100 m rolls (100 m ²) 2 x 100 m rolls (200 m ²)
Relevant standards	UNE EN 29073-1, UNE EN 29073-2, UNE EN ISO 10319, UNE EN ISO 10319, UNE EN ISO 10320, UNE EN ISO 10321, UNE EN ISO 12236, UNE EN ISO 11058, UNE EN ISO 12958	
Storage	Store product protected from light and moisture. Expiration date: 24 months after fabrication	

Tensile strength MD, kN	1.85	9.67
Tensile strength CD, kN	4.21	9.84
Elongation MD,%	93	34
Elongation CD %	94	45
Relevant standards	UNE-EN965, UNE EN ISO 10319 y tests internos	

INSTRUCTION FOR USE

Unroll the product over the surface and cut using suitable tools.

As a reinforcement (Geomax Protec), apply between two liquid coats, in an even and unfolded pattern.

As an underlying protective reinforcement or when uses previously to a sprayed application, it is recommended to apply a diluted (20% to 50% solvent) coat of Impermax, as a primer to prevent lifting of the Geomax by the wind or air flow.

As a protective layer, previous to a ceramic tile application, it is recommended to apply the geotextile when the liquid membrane is still sticky, in order to prevent it to be lifted by the wind.

USE RECOMMENDATIONS

Follow specific use instruction for Impermax application. Ensure that the geotextile is dry before application.

ENVIRONMENTAL PRECAUTIONS

Geomax is inert waste, to be managed according to the local applicable law.

OTHER INFORMATION

The information contained in this Technical Data Sheet, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend studying deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project. Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This Data Sheet supersedes all previous versions.

	Geomax	Geomax+Impermax
Weight g/m²	83.7	1.38
Thickness mm	0.67	1.64