

StrataFleece Geomax

Geotextile for liquid waterproofing reinforcement

Product overview

StrataFleece Geomax is a thermowelded geotextile fabric made of synthetic polyester/polyamide fibres. The product is designed for use as a supplementary reinforcement for StrataShield membranes.

StrataFleece Geomax is suitable for specially reinforced applications or when optimal spreading of the liquid membrane is difficult. It helps ensure a better, constant thickness of the liquid membrane over difficult surfaces, whilst also ensuring minimal loss of the original mechanical properties.

Features & benefits

- Fully compatible with StrataShield solvent-borne products
- Easy to adapt to irregular surfaces and edges
- Elastomeric properties - able to move with flexibility of liquid membrane
- Reduces friction on the waterproofing membrane and increases puncture resistance. Improves capillary water drainage
- Added protection for StrataShield applications on very irregular substrates
- Helps the StrataShield product to be spread evenly with constant thickness, especially during spray application
- Helps to prevent waste of liquid product when filling expansion joint spaces.

Application guidelines

Follow specific use instruction for StrataShield application. Ensure that the geotextile is dry before application. Unroll the product over the surface and cut using suitable tools.

When used as a reinforcement, apply between two liquid coats in an even and unfolded pattern.

When used as an underlying protective reinforcement or when being used prior to a sprayed application, it is recommended to apply a diluted (20% to 50% solvent) coat of StrataShield as a primer in order to prevent lifting of the StrataShield Geomax by the wind or air flow.

When used as a protective layer prior to a ceramic tile application, it is recommended that the geotextile is applied when the liquid membrane is still sticky, in order to prevent it being lifted by the wind.

Technical characteristics

	Unit / Description		
Properties	Geomax	Geomax Protec	Geomax + StrataShield
Composition	Polyamide/polyester fibre		N/A
Weight	83.7g/m ²	200g/m ²	1.38g/m ²
Thickness	0.65mm	1.2mm	1.64mm
Tensile strength L/T	1.85 / 4.21	1.80 / 1.80	9.67 / 9.84
Elongation MD / CD	93 / 94%	N/A	34 / 45%
Indentation resistance	0.50 kN	0.40 kN	N/A
Water permeability	4.4x10 ⁻² m/s		N/A
Plain water flow	3.2x10 ⁻⁵ m ² /s		N/A
Packaging	0.3 x 100m rolls 1.5 x 100m rolls	1 x 100m rolls 2 x 100m rolls	N/A
Storage	Store in a cool, dry place, protected from light & moisture.		N/A
Use before	24 months from manufacture		N/A

Environmental considerations

Any leftover StrataFleece Geomax material is considered as inert waste. Dispose of any waste responsibly in accordance with local applicable law.

Further information

The information contained in this datasheet, along with any advice provided (either written or verbal) through testing are based on our experience and do not constitute any product guarantee for the installer.

We recommend that all of the information provided is carefully studied before proceeding with application, and strongly advise that suitable tests are carried out onsite before application in order to determine the suitability and compatibility for the specific project.

The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. As a result, the installer will be solely responsible for any damage derived from the partial or complete disregard of our guidance or the general mis-use of any of our materials.