

StrataPlan Separation Fleece 150GSM

Geotextile Separation Membrane for StrataPlan PVC Systems

Product overview

StrataPlan Separation Fleece 150GSM is premium nonwoven geotextile that is made from high-tenacity, UV-stabilised polypropylene fibres.

StrataPlan Separation Fleece 150GSM offers outstanding tensile and puncture strength and is used as a separation membrane within StrataPlan PVC roofing systems.

Features & benefits

- Made from virgin fibre polypropylene.
- UV stabilised for durability
- Manufactured without glues or chemical binders
- Good mechanical properties
- Good UV resistance and durability.

Application guidelines

StrataPlan Separation Fleece 150GSM should be installed loose laid beneath the StrataPlan PVC membrane, with a 150mm side and end overlap. For further information please speak to Strata Technical Services.

Environmental considerations

Any leftover StrataPlan Separation Fleece 150GSM material is considered as inert waste. Dispose of any waste responsibly in accordance with local applicable law.

Standard characteristics

Properties	Unit / Description
Composition	Recycled Polyester
Mass per unit area (EN ISO 9864)	150g/m ² ± 10%
Thickness at 2kPa (EN ISO 9863-1)	1.0mm ± 20%
Specific weight of polymer	0.91 kg/dm ³
Dimensions	100m x 1m
Storage	Keep in original packaging in a cool, dry place, protected from direct sunlight.

Technical characteristics

Properties (test method)	Declared Performance
Tensile strength EN ISO 10319 MD EN ISO 10319 CMD	12 kN/m -15% 12 kN/m -15%
Elong. at maximum load EN ISO 10319 MD EN ISO 10319 CMD	55% ±30% 60% ± 30%
Energy absorption index EN ISO 10318	3.5 kJ/m ² -20%
Static puncture resistance (CBR) EN ISO 12236	1.9 kN -10%
Dynamic puncture resistance EN ISO 13433	26mm +20%
Velocity index EN ISO 11058	100mm/s -30%
Permeability normal to the plane EN ISO 11058	100l/m2s -30%
Water flow capacity in their plane EN ISO 12958	1.6 10 ⁻³ l/ms -30%
Characteristic opening size EN ISO 12956	90 µm ±30%
Weathering resistance EN 12224	To be covered immediately after installation.

MD - Machine Direction CMD - Cross Machine Direction

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.