

FCSC GEOTEXTILE 150

TECHNICAL DATA SHEET

HIGH STRENGTH NON-WOVEN POLYESTER BASED GEOTEXTILE

Description

FCSC Geotextile 150 is a non-woven geotextile, based on 100% polyester fibres by irregular cut and length, mechanically bonded by needle-punching without any chemical or thermic treatment.

Uses

FCSC Geotextile 150 is a non-woven geotextile, non UV resistant, used as:

- Levelling layer
- Separation layer

Advantages

- 100% polyester (PET)
- Bitumen resistant
- Non decaying
- Long lifespan
- Ease of application.

Technical Data

Composition	Polyester
Packaging	1.5m*150m
Appearance / Colour	White
Thickness	1.8mm(ASTM D 5199)
Length	150m
Width	1.5m
Mass per unit area	155gm/m ² (ASTM D 5261)
Tensile Strength CD	22KN/m(ASTMD4595)
Elongation at break	65% (ASTMD4595)
Grab Tensile Strength CD	905N (ASTM D 4632)
Tear strength	460N (ASTM D 4533)
Rod puncture	2850N(ASTM D 4833)
Permeability	95L/m ² (ASTM D 4491)
UV Resistance	73% (ASTM D 4355)
Apparent	75 Micron(ASTM D 4751)

Application Methodology

The installation is simple. Unroll the FCSC Geotextile 150 roll and allow to rest at location for 30 mins - flattening the sheets out. Spread membrane avoid air Pockets and wrinkles and make sure that the overlapping 5cm to 10cm minimum is required.

Packaging

FCSC Geotextile 15 is available in 1.5m x 150 m rolls.

Limitation

Do not apply during rains or extreme temperatures. Avoid abuses which may lead to puncturing of membrane. Ensure that the product is applied at least 6 inches inside the drain pipe.

Storage & shelf life

FCSC Geo Textile 150 GMS has shelf life of 5 years if stored properly in original, unopened packing between +5°C to + 40°C in dry areas.

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Safety precautions

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

Note

All Technical Data Sheets of FIRSTCHOICE SPECIALITY CHEMICALS are updated on regular basis; it is the user's responsibility, to obtain the most recent issue. Field services where provided, does not constitute supervisory responsibility, for additional information contact our local representative.

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