

Rock Line Geo Textile (GTM)

Non Woven Needle Punched Polymer Fabric

INTRODUCTION

Rockline Geo Textile is a polymer fabric woven or Non woven, used in contact with soil, rock are any geo technical material in civil engineering applications. It has very high tensile strength used in shore line protection for river banks and water ways as well as as for the membrane protection in water ponds, landfills and waste disposal.

Needle punched non woven fabrics typically have high permeability as a result of high porosity and conform ability because of their high elongation Characteristics. This product is made of polypropylene or polyester geo textile fabrics.

USES

- > Rockline Geo Textile are used to provide protection, filtration separation, reinforcement and drainage functions in soil, rock and west materials.
- > Rockline Geo Textile are also specifically used as separation and protection layers within structural waterproofing system..
- > Rockline geo Textile are also used for the protection and moisture mats within roofing system
- > Rockline Geo Textile are also used to fill gaps between the roads to improve soil structure.
- > Rockline Geo Textile are used to make poor soil more Beneficial for used and then easy to build in difficult places also..

CATEGORIES

1. Woven
2. Non Woven
3. Heat Bonded

ADVANTAGES

1. Excellent resistance to chemical compounds and salts normally present in the soil.
2. Excellent UV resistance
3. Durable and easy to install
4. Excellent resistance to aggressive attacks of salts and chemicals.
5. Excellent resistance of tear and puncture

APPLICATIONS INSTRUCTIONS

Geo Textile Fabrics can be loosely laid depending on type of application and site conditions. The surface generally should be clean and free from debris and large cavity. For roof applications there should be clean substrate, either thermal insulation board are waterproofing membrane.

TECHNICAL INFORMATION

No	Item	Unit	Mechanical Properties
1	Wide width tensile	Kn/m	5.0
2	Elongation	%	>50
3	Grab tensile strength	N	325
4	Grab tensile elongation	%	>55
5	Trapezoidal tear strength	N	130
6	Puncture strength	N	950
7	Roll width x length	M	3X100

Physical Properties

Available Thickness	1.00mm to 12.00mm
Available Weight	100 gsm to 600 gsm

NOTE:- Thickness and Weight are available as per clients requirements.



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