

Rock Line Geo Composite (GCM)

Impermeable Material Membrane Sheet

INTRODUCTION

Rockline Composite Geo Membrane is an impermeable material composed of geo textile and geo membrane liners. It is used for anti seepage. The composite membrane is divided into one geo textile and one geo membrane and two geo textiles and one geo membrane.

It is used in civil engineering, especially in flood control and emergency rescue projects and have played an important role in anti seepage, reverse filtration, drainage, reinforcement and protection.

USES

- > Landfills, sewage, treatment plants, power plants, conditioning pools, hospitals & solid waste,
- > Gardens, artificial lakes, rivers, reservoirs, ponds bottom of golf courses, slope protection & green lawns.
- > For municipal engineering, subways, underground engineering of buildings, roof gardening & sewage pipes.
- > Mining, fishing ponds, tunnels, farming ponds etc

ADVANTAGES

1. Excellent anti drainage performance
2. High puncture resistance
3. High friction coefficient
4. Good aging resistance
5. Applicable to water conservancy

COMPOSITE GEO MEMBRANE SPECIFICATION

1. One geo textile and one geo membrane
 - > geo textile: 100g/M2 - 1000g/M2
 - > geo membrane thickness: 0.1mm - 1.5mm
2. Two geo textile and one geo membrane
 - > geo textile: 80g/M2 - 600g/M2
 - > geo membrane thickness: 0.25mm - 1.5mm
3. One geo textile and Two geo membrane
 - > geo textile: 100g/M2 - 1000g/M2
 - > geo membrane thickness: 0.1mm - 0.75mm

APPLICATIONS INSTRUCTIONS

1. Always select the appropriate type and category according to the design, conditions and nature of site.
2. Select the thickness of the material according to the water pressure, buried pressure, climate and service life.
3. Determine the width and length of the material according to the actual size, area and capacity of the project.
4. For anti seepage treatment on highways, one geo textile and one geo membrane 200gsm to 300gsm are used at the lower part of the central divider.
5. It is advisable to choose a filament non woven composite soil geo membrane etc



[WWW.rockline.com.pk](http://www.rockline.com.pk)

Head Office: Ravi Toll Plaza near Nadra Passport Office Saeed Park Shahdara Lahore.

Tel: 042-37921991 **Cell:** 032 111 83 007

Email: ghausia_products786@yahoo.com

Web: www.rockline.com.pk