

Description

Sealed Geotextile 100 is a strong Geosynthetic fabric. It is used to stabilize loose soil, preventing erosion, protecting thermal layers from damage and allow any entrapped moisture or gasses to vent out. It can be used with foundation, soil, rock, or any other geotechnical material as an integral part of engineering structures.

Applications

- Road Construction & Repairs Paved Runways
- Landscaping & Sports Fields Drainage Systems
- Roofing Systems Erosion Control
- Rail Track Stabilization
- Pipe Lining & Foundation
- Coastal Protection
- Pavement Overlays
- Canal, Pond & Reservoir
- Lining
- Landfill systems

Roll Dimensions

Dimension	Value
Roll Width (m)	2.8
Roll Length (m)	100
Coverage Area (m ²)	280

Safety

Do not require any specific measures. Yet, Thermal degradation and/or melting can generate toxic fumes. Avoid the contact with skin or eyes when the material is in molten form. Refer to the Material Safety Data Sheet for more information regarding safety instructions.

Storage

For storage on-site, the rolls should be placed on a pallet or planks and well covered from exposure to rain or direct sunlight. The rolls should be protected against vandalism or damage from operating equipment.

Physical properties

Property	Standard	Value
Mass/ Unit Area (gms/m ²)	ASTM D 5261/EN ISO 9864	100
Thickness (mm)	ASTM D 5199/EN ISO 9863-1	1.00

Mechanical properties

Property	Standard	Value	
Wide Width Tensile Strength (kN/m)	ASTM D 4595 EN ISO 10319	MD	3.5
		CD	3.0
Wide Width Tensile Elongation (%)	ASTM D 4595 EN ISO 10319	MD	>45
		CD	>45
Puncture Strength (N)	ASTM D 6241 EN ISO 12236	700	

Hydraulic Properties

Property	Standard	Value
Opening Size O ₉₅ (mm)	ASTM D 4751	0.15
Flow Rate - 5 cm head (l/m ² /s)	EN ISO 11058	100
Permittivity (s ⁻¹)	ASTM D 4491	2.0

Contact Info

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