



GEO SOLUTIONS
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WATER PROOF MEMBRANE



Regd. No. 14123018
Certification No. 100561732



Pakistan Standards

Regd. No. QCC/4(370)-22-23 (829)



Ref. No. UNIV/PPE/951



Water Proof Membrane

Geo Solutions Water Proof Membrane Data Sheet :

Geo Solution Waterproof membrane is a kind of flexible sheet material manufactured through a series of processes including shaping, cooling, testing, bundling and packaging, with ethylene octene copolymer produced via as the main raw material, mixed with an appropriate amount of modifiers, antioxidants, ultraviolet absorbers, colorants, fillers, plasticizers, etc.

Geo Solutions Waterproof membrane is featured by excellent resistance to environmental stress cracking, good toughness, weather resistance, low temperature resistance, strong elasticity, resistance to stress cracking, flexibility, high strength, small specific gravity, high elongation, convenient laying, no displacement, etc. It applies to a variety of underground caves, tunnels, subways, municipal construction and other waterproofing and seepage-proofing works.

Product Features:

- * Resistant to chemical corrosion and ultraviolet radiation
- * Convenient construction, no pollution
- * Good aging resistance and corrosion resistance
- * Strong puncture resistance

Applications:

1. Railway, highway, municipal road, roofing, bridge deck, tunnel, underground waterproof engineering
2. Water conservancy construction, sewage treatment engineering, landfill engineering
3. Chemical acid and alkali treatment tank and other environmental engineering impervious and corrosion resistant liner use.

Technical Parameter				
Thickness	-	1.2mm	1.5mm	2mm
Tensile Strength (MD/CD)	ASTM D-638	19.20 / 1.7.50	19.70 / 18.10	20.5 / 18.50
Elongation AT Break (MD/CD)	ASTM D-638	940 % / 895%	980 % / 925%	995% / 945%
Dimensional Stability (MD/CD)	ASTM D-1204	1.50% / 1.20%	1.67% / 1.39%	1.83% / 1.70%
Welding Strength (KN/m)	ASTM D-638	6.30	6.95	7.55
Alakli Resistance ISO 175	Conditions			
	Time Duration 168H	Reagent USED: 10%		Temperature: Room Tem
	Change in Tensile Strength		Change in Elongation	
	-6 %		-11 %	