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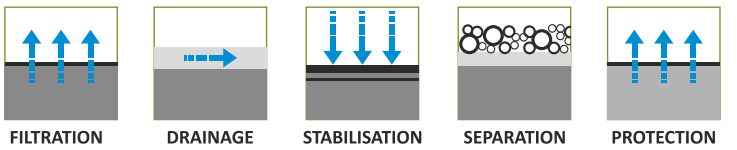
TECHNICAL DATA SHEET

GS-DRAIN: SALT BARRIER GSC510202

"Geo Source, Geo-Composite Drains are Created by Bonding Together Geo-Textiles and Geo-Nets in Different Combinations to Suit a Specific Application, each Layer Providing a Specific Performance or Function.

GEO SOURCE is GAI-LAP, NTPEP, CE-MARKING & ISO 9001-2015 Certified Company.





GS-DRAIN: SALT BARRIER GSC510202				
PROPERTIES		**TEST METHOD**	**UNIT**	**VALUE**
Geo-Composite: HDPE Geo Net Heat Laminated with White Top Filter Layer of Calendared Non-Woven Needle Punched Geo Textile & Bottom Layer Heat Laminated by Hydrophobic Grey Non-Woven Fabric				
Mass Per Unit Area		EN ISO 9864	gm/m^2	1020
Thickness		EN ISO 9863	mm	5.5
Tensile Strength		EN ISO 10319	kN/M	30
CBR Puncture		EN ISO 12236	N	5000
In Plane Permeability	Hydraulic Gradient i=1 @ 20 kPa	EN ISO 12958	l/m/s	0.50
	Hydraulic Gradient i=1 @ 200 kPa	EN ISO 12958	l/m/s	0.25
Top Filter Layer: UV Resistive White Non-Woven Needle Punch Geo-Textile				
Material		100 % Virgin Polypropylene Staple Fibre		
Mass Per Unit Area		ASTM D 5261	gm/m^2	400
Bottom Layer: UV Resistive Grey Hydrophobic Non-Woven Fabric				
Material		100 % Virgin Grey Polypropylene		
Mass Per Unit Area		ASTM D 3776	gm/m^2	120
Core / Drainage Layer: HDPE Geo-Net				
Material		High Density Polyethylene		
Carbon Black Content		ASTM D 4218	%	2
Melt Flow		ASTM D 1238	g/10 min	10

ROLL PACKAGING	
Core	3"
Packaging	Wrapped In Black Stretch Film & Labeled For Identification

ISO 9001 : 2015

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