

Geocomposite Drainage

Technical Data

GERUN Drain™ is made of geonet created by heat bonded a filtration polyester & polypropylene filament geotextile on one or both sides. The geonet is manufactured from the highest quality high-density polyethylene (HDPE) resin, adding 2-3% carbon black, UV stabilizer and anti-oxidation stabilizer, is made by special extrusion method. To provide for filtration and separation while providing good transmissivity values.



GERUN Drain™

Product properties

Physical properties	Unit	BC50/200D	BC63/200D	BC70/200D	BC80/200D	Test method
Geotextiles						
Geotextiles		Double-sided PET continuous filaments non woven geotextiles				
Thickness	mm	>2.2				ASTM D5199
Mass	g/m ²	200				ASTM D5261
Geonet						
Material		High Density Polyethylene				
Density	g/cc	0.94				ASTM D1505
Carbon Black	%	2				ASTM D4218
Thickness	mm	5.2	6.3	7.0	8.0	ASTM D5199
Tensile strength	KN/m	8	10	12	14	ASTM D4595
Transmissivity	m ² /sec	2.0 X10 ⁻³	3.0 X10 ⁻³	5.0 X10 ⁻³	7.0 X10 ⁻³	ASTM D4716
UV Resistance		70%				ASTM D4355
Geocomposite						
Ply adhesion	Kn/m	0.17	0.17	0.17	0.17	ASTM D7005
Transmissivity	m ² /s	1.0 X10 ⁻⁴	5.0 X10 ⁻⁴	8.0x10 ⁻⁴	1.5 x10 ⁻³	ASTM D4716
Forms of supply						
Width	m	4.6				
Roll length	m	40				
Roll area	m ²	184				
Application		FILTRATION, DRAINAGE				

Note:

- 1.MD:Machine direction, CD:Cross- Machine direction.
- 2.The table width is max width,We can according customer's requests and capacity load maybe change.
- 3.The technical data are according to our laboratories and testing institution.