


TECHNICAL DATA SHEET

Product Name  3PL
 Reference No: DS COST 0710-10/2016 Rev 1
 Date of Issue 5 October 2016
 Project Name Someshwara
 Description The EnviroRock® 3PL is an extremely robust multi component geotextile.

3PL 100₁₂

3PL 100


Physical Properties					
Polymer	Polyester & Polypropylene				
Mass	Inner knitted & nonwoven layers	g/m ²	600	600	EN ISO 9864
	Outer coarse staple fibre layer	g/m ²	1200	940	EN ISO 9864
Mechanical (MARV)					
Puncture Resistance	CBR	N	12 000	12 000	EN ISO 12236
Wide Width Tensile Strength	(MD/CMD)	kN/m	95/86	95/86	EN ISO 10319
Wide Width Tensile Elongation	(MD/CMD)	%	15/14	15/14	EN ISO 10319
Seam Strength		kN/m	51	51	EN ISO 10321
Hydraulic (Typical)					
Flow Rate		l/m ² /s	32	32	EN ISO 11058
Opening Size	0 ₉₅	µm	<75	<75	EN ISO 12956
Durability (Typical)					
UV Resistance	Strength Retained after 500hrs Exposure	%	>80	>80	ASTM D4355
Abrasion Resistance	Strength Retained	%	>70	>75	BAW Method

Test specimens sampled and prepared in accordance with SANS 9862:13 / ISO 9862:05.

* Fabric components are unable to be effectively separated to prepare the sample as required by the test method.

The above results represent laboratory averages

EnviroRock® 3PL Geocontainer				
Has enhanced filtration combined with resistance to puncture, abrasion and UV making it ideal for use in marine and inland waterway applications such as walls, groynes, reef structures, and coastal protection.				
	2.5m ³ Geocontainer		7.9m ³ Geocontainer	
	Empty	Filled	Empty	Filled
Length	3.2	3.0	4.8	4.5
Width	1.8	1.5	2.6	2.25
Filled Mass (t) @ 1700kg/m ³		4.2		13.4



Kaytech reserves the right to make technical modifications to its products

The information given in Kaytech's documentation is to the best of our knowledge true and correct. However, new research results and practical experience can make revisions necessary. No guarantee or liability can be drawn from the information mentioned herein. Furthermore, it is not Kaytech's intention to violate patents or licenses.