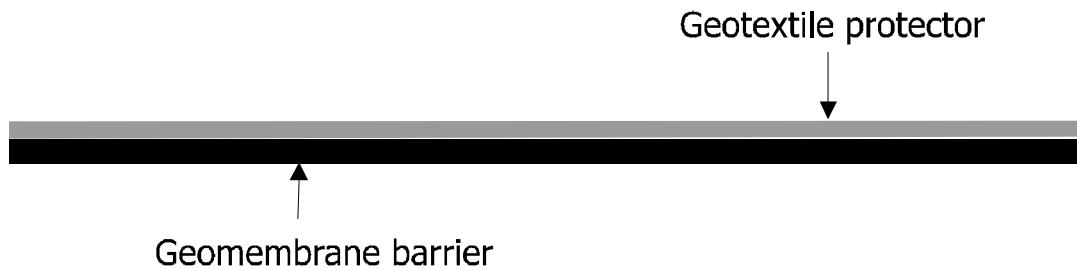


## protexia™ FM 019 data sheet

21/8/09

### Configuration:

Geomembrane with a non-woven needlepunched geotextile bonded on one side.



	Method	Units	
<b>Geosynthetic barrier</b>			membrane
Polymer			linear low density polyethylene (LLDPE)
Tensile strength	ASTM D6693 Type IV	N/mm	27
Elongation at break	ASTM D6693 Type IV	%	800
Puncture resistance	ASTM D4833	N	250
Thickness	ASTM D751/1573/5199	mm	1
Density	ASTM D1505/D792	g/ml	0.939
<b>Geotextile</b>			needlepunched non-woven
Polymer			polypropylene
CBR puncture resistance	BS EN ISO 12236	kN	3
Tensile strength	BS EN ISO 10319	kN/m	20
Cone drop	BS EN 13433	mm	6
Thickness @2kPa	BS EN ISO 9863-1	mm	3.9
<p><i>Values are Typical, with the exception of Thickness, which is Nominal. Typical indicates the mean value derived from the samples taken for any one test as defined in the BS EN ISO standard - usually the mean of five samples. Nominal is a guide value.</i></p>			



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