

Flexidrain

PRODUCT DATASHEET



Flexidrain is an extruded synthetic geonet which creates a drainage medium and flow path for the removal of gases and/or liquids from composite drainage systems. The product can be used in geomembrane liner and capping systems or when used in conjunction with a geotextile and drainage pipe forms the basis of a reliable vertical or horizontal subsoil drainage system or findrain.

Effective as at: 02.02.2017

SPECIFICATIONS

PHYSICAL PROPERTIES		UNITS	CE500	TEST METHOD
Composition	Polymer		100% HDPE	
Mass	(Nominal)	g/m ²	500	SANS 10221-2007
Thickness	Under 2 kPa	mm	5.3	SANS 10221-2007
Service Temperature	(Max)	C°	75	
Mesh Opening	(Nominal)	mm	9	
Mesh Angle (+/- 5%)	(Nominal)	%	85	
Tensile Strength	Ultimate	kN/m	6.4	SANS 10221-2007
Elongation	Ultimate	%	29.2	SANS 10221-2007
Through Flow @ 20 kPa	i = 1 (MD/CMD)	l/m/sec	(1.760 / 0.603)	EN ISO 12958
Through Flow @ 50 kPa			(1.65 / 0.554)	
Through Flow @ 100 kPa			(1.57 / 0.521)	
Through Flow @ 200 kPa			(1.37 / 0.476)	
Through Flow @ 300 kPa			(0.730 / 0.209)	
Roll Lengths	(Nominal)	m	25	
Roll Widths	(Nominal)	m	2.0	

NOTES

The above results represent laboratory averages



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