GECO WATERPROOFING SYSTEMS

GEODRAIN PARKING

Drainage system for civil engineering application

Geocomposite for drainage and ventilation in plane, made of extruded monofilaments, with parallel channels morfology, bonded with two geotextiles for filtration and separation.

FILTERS	**NORM**	**M. U.**	**VALUE**	**TOLERANCE**
Type / Raw material	non-woven / polypropylene, UV stabilized, white colour			
Mass per unit area	EN ISO 9864	g/m^2	130	(-10%)
Av. Tensile strength	EN ISO 10319	Kn/m	10/10	(-13%)
Static puncture resistance	EN ISO 12236	N	1450	(-13%)
Dynamic perforation resistance	EN ISO 13433	mm	30	(+20%)
Flux normal to the plane	EN ISO 11058	l/(m^2/s)	100	(-30%)
Charact. opening size O90	EN ISO 12956	micron	90	(±30%)
CORE	**NORM**	**M. U.**	**VALUE**	**TOLERANCE**
Raw material	polypropylene, UV stabilized, additivated with carbon balck, black colour			
Monofilament diameter		mm	0,6	(±20%)
COMPOSITE	**NORM**	**M. U.**	**VALUE**	**TOLERANCE**
Thickness a 2 kPa	EN ISO 9863-1	mm	10	(±12%)
Mass per unit area	EN ISO 9864	g/m^2	960	(±7%)
Tensile strength MD/CMD	EN ISO 10319	kN/m	20	(-13%)
In plane drainage capacity MD	EN ISO 12958	l/(m/s)		(-30%)
CONTACT: RIGID/SOFT		**VALUE**	**VALUE**	
	Load	**Hydraulic gradient**		
		0,1	**1**	
	20kPa	0,83	3,54	
	100kPa	0,69	3,14	
	200kPa	0,67	2,77	
STANDARD DIMENSION		**M. U.**	**VALUE**	**TOLERANCE**
Width		cm	240	(±2%)
Lenght		m	50	(±2%)
Roll area		m^2	120,0	(±4%)
Roll diameter		cm	80	av
PACKAGING				
Hi-resistance PE film				

The data reported in this data sheet are based on average values of production and the current state of the art technology. We reserve the right to change these data without notice, based on production technology development and / or experience. No responsibility can be traced to the information contained in this data sheet. The product's compatibility with the specific use intended will be determined by the user.

GECO S.r.l. - Via Quadrelli 69 - 37055 Ronco all'Adige (VR) – Italy
Tel. +39.045.661.62.46 - Fax +39.045.661.94.92 - info@gecomembrane.com - www.gecomembrane.com