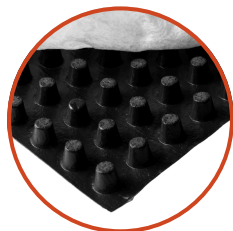


TMD 1011

DRAINAGE



DESCRIPTION

High density, high mechanical strength HDPE membrane, coupled to a non-woven PP geotextile.

APPLICATIONS

Pedestrian and drivable flat roofs, flat green surfaces, foundations and below-ground building structures.

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TECHNICAL DATA SHEET

Membrane

Raw material	HDPE
Number of dimples per m ²	2500
Mass	(EN ISO 9864) 850 g/m ² -85

Filter element

Raw material	PP
Mass	(EN ISO 9864) 120 g/m ² ±12
Thickness	(EN ISO 9863-1) 0,8 mm ±20%
Tensile strength MD/CMD	(EN ISO 10319) 9/9 kN/m -15%
Deformation at max load MD/CMD	(EN ISO 10319) 55/60 % ±25%
Static punching resistance CBR	(EN ISO 12236) 1400 N -140
Cone drop test	(EN ISO 13433) 33 mm +6
Permeability normal to the plane	(EN ISO 11058) 85 mm/s -30
Opening size	(EN ISO 12956) 90 micron ±30

Geocomposite

Thickness at 2 kPa	(EN ISO 9863-1) 10 mm
Compression resistance	400 kN/m ² ±20
Tensile strength MD/CMD	(EN ISO 10319) 12/10 kN/m -2
Elongation at max load MD/CMD	(EN ISO 10319) 70/70 % ±40%

		Hydraulic gradient					
		i=0,04	i=0,10	i=1			
Drain capacity in the MD plane I/(m·s)	(EN ISO 12958)	Load: 20 kPa	Contact: S/R	0,42	0,63	2,60	-30%
		Load: 50 kPa	Contact: S/R	0,36	0,57	2,29	-30%
		Load: 100 kPa	Contact: S/R	0,26	0,42	1,56	-30%
S/R: Soft/Rigid		Load: 200 kPa	Contact: S/R	0,05	0,13	0,21	-30%

Dimensions

Width	2,44 - 4,88 m	±3%
Length	12,5 m	±2%
Rolls/pallet	6	

MD: Machine direction / CMD: Cross machine direction

Storage: cool and dry, protect against sunlight, use within 24 months after receipt.

The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

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