





Revision 05, dd. 16th Apr 2015

GeoMatt TB25

Non-Woven Geotextile manufactured from UV-stabilized polypropylene staple fibres, Needle punched and Thermally Bonded

Suitable for the following applications:



Characteristics 13249:2000+A1:2005: required for use in the construction of roads and other trafficked areas





EN 13250:2000+A1:2005 : Characteristics required for use in the construction of railways





13251:2000+A1:2005 : Characteristics required for use in earthworks, foundations and retaining structures





EN 13252:2000+A1:2005 : Characteristics required for use in drainage systems





EN 13253:2000+A1:2005 : Characteristics required for use in erosion control works (coastal protection, bank revetments)





EN 13254:2000+A1:2005 : Characteristics required for use in the construction of reservoirs and dams





EN 13255:2000+A1:2005 : Characteristics required for use in the construction of canals





EN 13256:2000+A1:2005 : Characteristics required for use in the construction of tunnels and underground structures





EN 13257:2000+A1:2005 : Characteristics required for use in solid waste disposal





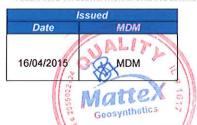
EN 13265:2000+A1:2005 : Characteristics required for use in liquid waste containment projects

	Separation	Filtration	Protection	Drainage	Reinforcement
Functions		V 100			
Characteristic	Test Method	U	Unit Nominal Value		al Value
Mass per unit area	EN ISO 9864	g/	g/m² 300		
Thickness	EN ISO 9863-1	mm	2 kPa	1.95	
Wide - Width Tensile Strength	EN ISO 10319	kN/m	MD	27	
			CMD	27	
Elongation	EN ISO 10319	%	MD	50	
			CMD	55	
Static Puncture Resistance	EN ISO 12236	N		4000	
Dynamic Perforation Test	EN ISO 13433	mm 13		13	
Characteristic Opening Size	EN ISO 12956	μm 70		70	
Permeability normal to the plane	EN ISO 11058	I/(n	n ² .s)	50	
Pyramid Puncture Resistance	EN 14574	1	٧	3	25
Durability Prediction		n 1 month after instal nd soil temperature <2	lation. Predicted to be 25 °C	durable for more tha	n 25 years in natural
Oxidation Resistance	EN ISO 13438	Retained Strength >90% at (110±1)°C after 14 days exposure			
Resistance to Weathering	EN 12224	Retained Strength of ≥ 75% after 50 MJ/m2 exposure			

MD: Machine Direction - CMD: Cross Machine Direction - NR: Not Required for application

TOLERANCE ON ROLL WIDTH: ± 5 cm. TOLERANCE ON ROLL LENGTH: ± 2% IF LENGTH ≤ 200 m. ± 1% IF LENGTH > 200 m.

STANDARD CORES: HDPE. DIAMETER INNER100mm /OUTER 110mm ± 5%. TOLERANCE ON GROSS/NET WEIGHT ± 10%. TOLERANCE ON MECHANICAL & PHYSICAL SPEC ± 10%. TOLERANCE ON ELONGATION & BREAK ± 20%. TOLERANCE ON HYDRAULIC SPECIFICATION ± 30%. TECHNICAL DATA BASED ON STATISTIC ANALYSIS ON 95% CONFIDENCE LIMIT.



Verified				
Date	PHG			
16/04/2015	PHG			

Approved		
MNV		
MNV		

Our products are tested on regular basis in our in-house laboratory and on periodical basis by international independent laboratories

Notes:

Mattex Geosynthetics reserves the right to alter product specifications without prior notice.

This document should not be construed as engineering advice.







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