Terrex Roof Grades

Data Sheet

Terrex Roof Grades are high performance needle punched geotextiles principally intended to be complementary to the ABG green and blue roof systems.

Geotextile Properties		NW20	RPNT300	
Thickness at 2kPa	(mm)	1.45	1.5	EN ISO 9863-1
Mass per unit area	(g/m²)	230	300	EN ISO 9864
Tensile strength MD / CMD	(kN/m)	20 / 20	9 / 10	EN ISO 10319
Elongation at break MD / CMD	(%)	45 / 50	50 / 55	EN ISO 10319
CBR puncture resistance	(N)	3 100	1 500	EN ISO 12236
Dynamic perforation cone drop	(mm)	16	15	EN ISO 13433
Pore size O_{90}	(µm)	80	90	EN ISO 12956
Water flow normal to the plane	(l/m².s)	65	100	EN ISO 11058
Type and material		Nonwoven needle punched long staple fibre virgin polypropylene.	Nonwoven needle punched long staple fibre recycled PET.	
Durability				
Resistance to UV		To be covered within 14 days after installation.	To be covered within 1 day after installation.	EN 12224
Design life		100 years in natural soils with 4 ≤ pH ≤ 9 and soil temperatures ≤ 25°C on the basis of the results of test method B.4.2.2 (112 days) of EN 13252:2016 Annex B.	5 years for non-reinforcing applications in natural soils with 4 ≤ pH ≤ 9 and soil temperatures.	
Product Dimensions				
Width	(m)	0.3 to 4.55		
Length	(m)	Please contact ABG for details.		

1 The values given are determined from statistical Interpretation of test results obtained in our laboratories and are subject to tolerances. In line with our policy of continuous improvement the right is reserved to make changes without notice at any time.
2 Final determination of the suitability of any information is the sole responsibility of the user. ABG will be pleased to discuss the use of this or any other product but responsibility for selection of a material and its application in any specific project remains with the user.
3 The tolerance on roll length is ±1.5% and on roll width is ±1.0%.

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