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TECHNICAL DATA SHEET

Mesh4 Non-Woven:

Heavy duty 100% polypropylene thermally bonded needle punched geotextile, calendared for extra strength, suitable for drainage, stabilising and separation applications and traffic areas.

Designed to reduce the depth of the sub-base required saving construction costs and prevents expensive aggregates from being lost into the sub soil.

Applications:

Roadway construction, Carparks, Sports grounds, water attenuation & harvesting, land drains, wrapping soakaway crates, under aggregate driveways, separating top dressing from type 1 in a horse manège.

Essential Characteristics	Performance	Tolerance	Harmonized Technical Specification
Tensile strength MD	8 kN/m	-1 kN/m	EN ISO 10319
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Elongation MD	45 %	+/-10.4 %	EN ISO 10319
Elongation CMD	55 %	+/-12.7 %	EN ISO 10319
Static puncture test (CBR)	1.24 kN	-0.12 kN	EN ISO 12236
Dynamic perforation resistance- cone drop	34 mm	+8.5 mm	EN ISO 13433
Pyramid Puncture	Not applicable		
Water permeability normal to the plane	110 x 10 ⁻³ m/s	-33 x 10 ⁻³ m/s	EN ISO 11058
Water flow capacity in the plane	1.0 x 10 ⁻⁷ m ² /s	-10 % log g	EN ISO 12958
Characteristic opening size	120 µm	+/-36 µm	EN ISO 12956
Predicted durability in years in natural soils with 4< ph <9 and soil temperatures < 25°C		25	Annex B
Maximum allowed time between installation and covering of the geotextile	2 weeks		
Weight	100 g/m ²	+/- 10 g/m ²	EN ISO 9864
Thickness under 2 kPa	1 mm	+/- 0.20 mm	EN ISO 9863-1
Composition	100% polypropylene non-woven geotextile		
Reel Dimensions	4.5mtr x 100mtr		

Product Images:

