

SNW 17

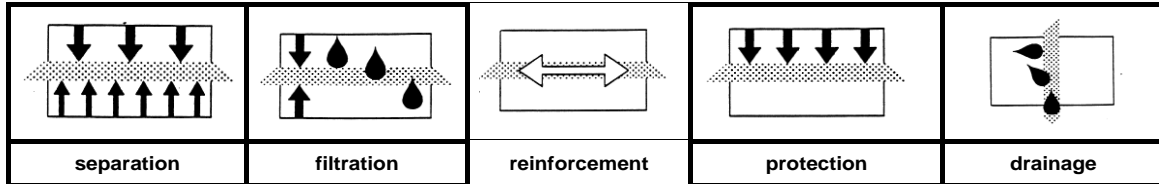
Superior needle punched non-woven polypropylene geotextile

Technical data sheet according to internal specifications Bonar TF: version 8 dd. 11/04/2011
 Accompanying documents CE marking: version 7 dd. 10/01/2011

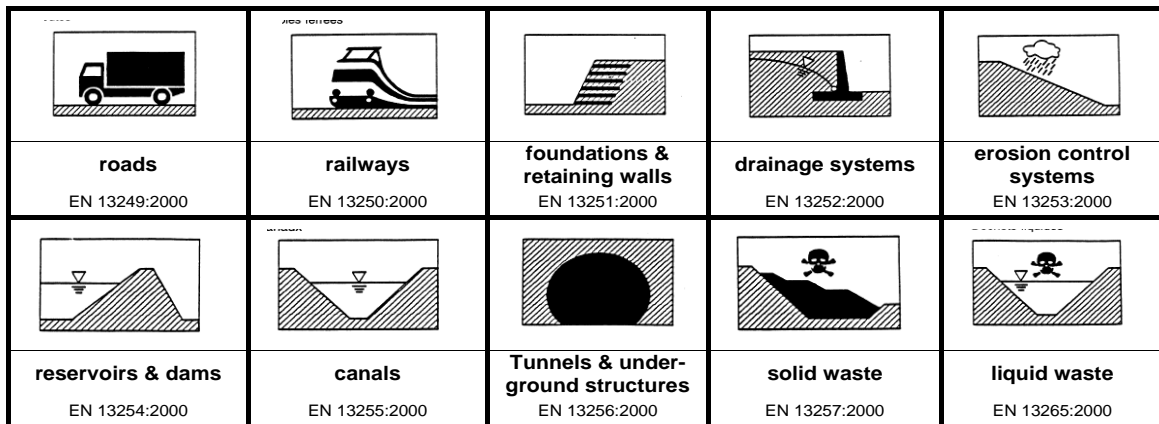


1137-CPD-615

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	test method	value	tolerance
Mechanical properties			
Tensile strength MD	EN ISO 10319	10,3 kN/m	-1,3 kN/m
Tensile strength CD		10,3 kN/m	-1,3 kN/m
Elongation MD	EN ISO 10319	45 %	+/-10,4 %
Elongation CD		55 %	+/-12,7 %
Static puncture resistance – CBR	EN ISO 12236	1,7 kN	-0,34 kN
Dynamic perforation resistance – cone drop	EN 13433	22 mm	+4,40 mm
Pyramid Puncture	EN ISO 14574	120,0 N	-24,0 N
Protection efficiency	EN ISO 13719	1,01 %	-0,2 %
Hydraulic properties			
Water permeability normal to the plane	EN ISO 11058	100x10⁻³ m/s	-30x10 ⁻³ m/s
Water flow normal to the plane (*)		100 l/m².s	-30 l/m ² .s
Water flow capacity in the plane 20 kPa	EN ISO 12958	1 x10⁻⁷ m²/s	-10% log g
Characteristic opening size (AOS)	EN ISO 12956	120 µm	+/-36,0 µm
Physical properties			
Thickness under 2 kPa (*)	EN ISO 9863-1	1,5 mm	+/-0,30 mm
Weight (*)	EN ISO 9864	150 g/m²	+/-15,0 g/m ²
Composition		100 % polypropylene non-woven geotextile	
Durability		predicted to be durable for a minimum of 25 years in natural soil with 4 < pH < 9 and soil temperatures < 25° C	



1. This geotextile is intended for use in both functions & applications highlighted with a bold border.
 2. It is the responsibility of all users to satisfy themselves that the above data is current.
 3. Roll dimensions are 5,25 m x 100 m. Other dimensions on demand.
 4. Bonar Technical Fabrics reserves the right to alter product specifications without prior notice.
 5. Although not guaranteed, these results do to the best of our knowledge offer a true and accurate record of the product's performance.
 6. Bonar Technical Fabrics cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
 7. Geotextile has to be covered within 2 weeks after installation
- (*) Not mandated characteristics for CE marking.