

Declaration of Performance




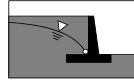

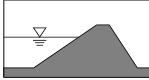
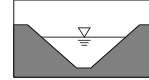



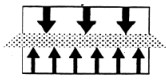
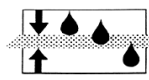
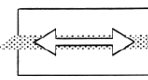
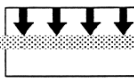
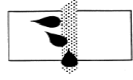
Tipptex BS9

Bonar Geosynthetics Kft. 3580 Tiszaújváros, Hungary Pf.:113 Tel: +36 49 540 190 Fax: +36 49 540 191 E-mail: info@tipptex.com Factory code: 29840-A	The Notified Body performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.
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AVCP- system

2+

Notified body 0799

				
<u>EN 13249</u>	<u>EN 13250</u>	<u>EN 13251</u>	<u>EN 13252</u>	<u>EN 13253</u>
				
<u>EN 13254</u>	<u>EN 13255</u>	EN 13256	<u>EN 13257</u>	<u>EN 13265</u>
				

Essential characteristics	Performance		Harmonized technical specification
Tensile strength MD	9 kN/m	-1,17 kN/m	EN ISO 10319
Tensile strength CD	9 kN/m	-1,17 kN/m	EN ISO 10319
Elongation MD	40 %	+/- 9,2 %	EN ISO 10319
Elongation CD	45 %	+/- 10,35 %	EN ISO 10319
Static puncture test (CBR)	1,5 kN/m	-0,15 kN/m	EN ISO 12236
Dynamic perforation resistance - cone drop	30 mm	7,5 mm	EN ISO 13433
Protection efficiency	Not applicable		
Water permeability normal to the plane	0,1 m/s	-0,03 m/s	EN ISO 11058
Water flow capacity in the plane 20kPa (i=1)	Not applicable		
Characteristic opening size	0,09 mm	+/- 0,027 mm	EN ISO 12956
Predicted minimal durability in years in natural soils with 4 < pH < 9 and soil temperatures < 25°C	25		
Maximum allowed time between installation and covering of the geotextile (days)	14		
Thickness under 2 kPa	Not applicable		
Weight	110 g/m ²	- 11 g/m ²	EN ISO 9864
Composition	100% polypropylene non-woven geotextile		

The performance of the product identified above is in conformity with the declared performance in above table.
This declaration of performance is issued under the sole responsibility of Bonar Geosynthetics Kft.

Kinga Monok
Manager Quality

Tiszaújváros
28.06.2013

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