

Declaration of Performance

Enkadrain 5004C/2-2s/T110PP

Enka®, Westervoortsedijk 73 6827AV Arnhem, The Netherlands Tel.: +31 85 744 1300 Fax: +31 85 744 1310 E-mail: info@bonar.com Factory code: 10360-O AVCP-system 2+	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. Notified body no. 0799
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EN 13249	EN 13250	EN 13251	EN 13252	EN 13253
EN 13254	EN 13255		EN 13257	EN 13265

Essential characteristics	Performance	Tolerance	Harmonized technical specification
Tensile strength MD T_{max}	14.0 kN/m	- 1.8 kN/m	EN ISO 10319
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Elongation MD ϵ_{max}	n.p.d.		
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Resistance to static puncture F_p	1.0 kN	- 0.1 kN	EN ISO 12236
Dynamic perforation resistance D_c	35 mm	+ 7 mm	EN ISO 13433
Water permeability (V_{150}) q_n	70 mm/s	- 21 mm/s	EN ISO 11058
Water flow capacity in the plane q_p	1.1 · 10 ⁻³ m ³ /(s.m)	- 0.3 · 10 ⁻³ m ³ /(s.m)	EN ISO 12958
Characteristic opening size O_{90}	140 μ m	+/- 42 μ m	EN ISO 12956
Predicted 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 (in weeks)	2		
Weight	n.p.d.		
Thickness under 2 kPa	n.p.d.		

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 B.V.

Arnhem, The Netherlands
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Wouter Spleers
Manager Quality Assurance

