


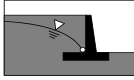



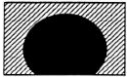


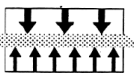
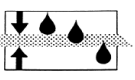
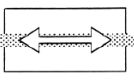
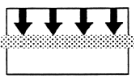
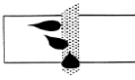


## Declaration of Performance Colbondrain CX1000

Bonar B.V. Westervoortsedijk 73 6827AV Arnhem, The Netherlands T: +31 (0) 85 744 1300 F: +31 (0) 85 744 1310 info@bonar.com Factory code: <span style="float: right;">10360-O</span>	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: <span style="float: right;">2+</span>	Notified Body: <span style="float: right;">0799</span>
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EN 13249	EN 13250	EN 13251	EN 13252	EN 13253
				
EN 13254	EN 13255		EN 13257	EN 13265
				

Framed boxes are applicable

Essential Characteristics	Performance	Tolerance	Harmonized technical specification
Tensile strength - MD	2.5 kN	-0,4 kN	EN ISO 10319
Tensile strength - XD	n.p.d.	n.p.d.	EN ISO 10319
Elongation at break - MD	n.p.d.	n.p.d.	EN ISO 10319
Elongation at break - XD	n.p.d.	n.p.d.	EN ISO 10319
Static puncture resistance (CBR)	n.p.d.	n.p.d.	EN ISO 12236
Dynamic perforation resistance (cone drop)	45 mm	+ 6 mm	EN ISO 13433
Water permeability normal to the plane (Vlh50)	70 mm/s	- 18 mm/s	EN ISO 11058
Waterflow in the plane @350 kPa, i = 0.1, f/f	140·10 <sup>-6</sup> m <sup>2</sup> /s	- 25·10 <sup>-6</sup> m <sup>2</sup> /s	EN ISO 12958
Characteristic Opening Size (O90)	75 µm	+/- 7.5 µm	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 geosynthetic	2 weeks		
Weight	840 g/m <sup>2</sup>	n.p.d.	EN ISO 9864
Thickness under 2 kPa	4 mm	n.p.d.	EN ISO 9863-1

- n.p.d. = no performance determined

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.



