

Declaration of Performance




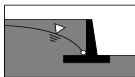

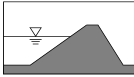
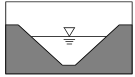


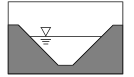
Enkamat® 7010W/5/100.50PET

DoP no.: 107852-5

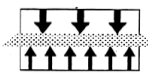
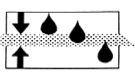
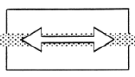
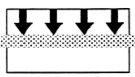
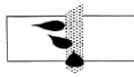
Low & Bonar B.V. Westervoortsedijk 73 6827AV Arnhem, The Netherlands T: +31 (0) 85 744 1300 F: +31 (0) 85 744 1310 info@lowandbonar.com Factory code:	10360-O
The Notified Body performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.	

AVCP System: 2+	Notified Body: 0799
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Application:

				
EN 13249: 2016	EN 13250: 2016	EN 13251: 2016	EN 13252: 2016	EN 13253: 2016
				
EN 13254: 2016	EN 13255: 2016	EN 13256: 2016	EN 13257: 2016	EN 13265: 2016

Function:

				
Separation (S)	Filtration (F)	Reinforcement (R)	Protection (P)	Drainage (D)

Framed boxes are applicable

Essential Characteristics	Performance	Tolerance	Harmonized technical specification
Tensile strength - MD	110.0 kN/m	- 10 kN/m	EN ISO 10319
Tensile strength - CMD	55 kN/m	- 5 kN/m	EN ISO 10319
Elongation at maximum load - MD	10 %	+/- 2 %	EN ISO 10319
Elongation at maximum load - CMD	10 %	+/- 2 %	EN ISO 10319
Static puncture resistance (CBR)	6 kN	- 2 kN	EN ISO 12236
Dynamic perforation resistance (cone drop)	18 mm	+ 5 mm	EN ISO 13433
Water permeability normal to the plane (Vlh50)	0,05 m/s	- 0,03 m/s	EN ISO 11058
Waterflow in the plane, @20 kPa, rigid/rigid	n.p.d.	n.p.d.	EN ISO 12958
Characteristic Opening Size (O90)	600 µm	+/- 25 µm	EN ISO 12956
Predicted minimal durability in years in natural soils with 4 < pH < 9 and soil temperatures < 25°C	≥ 50		Annex B
Maximum allowed time between installation and covering of the geosynthetic	2 weeks		EN 12224
Dangerous substances	Less than required by national regulations in EU Member States		National regulations in EU Member States

- 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 Low & Bonar B.V.

Arnhem, The Netherlands
26-4-2018

Wouter Spleers
Manager Quality Assurance



Additional characteristics

Identification code

n.p.d.