

Declaration of Performance



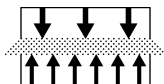
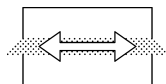
14



No.: MIRAFL® Geolon PET 150S-2021-04-08

1. Product Type:

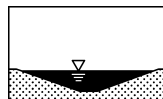
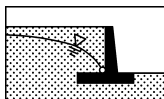
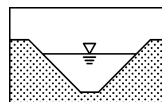
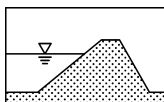
MIRAFL® Geolon PET 150S

2. Intended use:**3. Name, registered trade name and Contact address:**

Solmax Netherlands B.V.
Europalaan 206, 7559 SC Hengelo, Netherlands
www.solmax.com, service.nl@solmax.com

4. AVCP:

System 2+

5. Intended use:**6. Notified Body**

No. 0799 Kiwa GmbH TBU, 48268 Greven performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+. and issued the certificate of conformity of the factory production control.

7. Declared performance:

Essential characteristics		Performance		Test standard *)
		Mean value	Tolerance	
Tensile strength (MD)	[kN/m]	165	-15	EN ISO 10319
Tensile strength (CMD)	[kN/m]	165	-15	EN ISO 10319
Tensile elongation (MD)	[%]	10	+2.5 / -5	EN ISO 10319
Tensile elongation (CMD)	[%]	10	+2.5 / -5	EN ISO 10319
Tensile strength at 10%	kN/m	150 / 150	-0 / -0	EN ISO 10319
Tensile strength at 5%	kN/m	75 / 75	-0 / -0	EN ISO 10319
CBR puncture strength	[kN]	12	-3.6	EN ISO 12236
Cone drop test (hole ø)	[mm]	10	+5	EN ISO 13433
Characteristic opening size (O90)	[µm]	100	+150 / -75	EN ISO 12956
Water permeability normal to the plane	[mm/s]	10	-7	EN ISO 11058
Durability: To be covered within the day of installation Predicted to be durable for 100 years in natural soils with 4 < pH < 9 and soil temperatures < 25°C.				Annex B of harmonised technical specification

8. Declaration:

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Jacco van Melis