

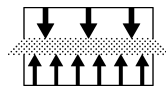
Declaration of Performance



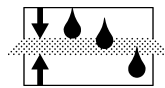
No.: MIRAfi® Polyfelt TS 50-2023-12-05

1. Product Type: MIRAfi® Polyfelt TS 50

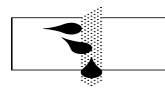
2. Intended use:



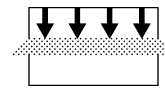
Separation



Filtration



Drainage



Protection

3. Name, registered trade name and Contact address:

Solmax Austria GmbH
Schachermayerstraße 18, 4021 Linz, Austria Tel.: +43 732 6983-0;

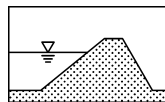
4. AVCP:

System 2+

5. Intended use:



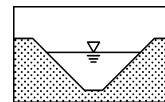
EN 13249:2016 Roads



EN 13254:2016 Reservoirs and Dams



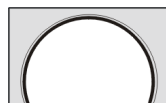
EN 13250:2016 Railways



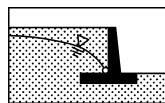
EN 13255:2016 Canals



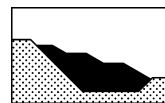
EN 13251:2016 Earthworks, Foundations and Retaining Structures



EN 13256:2016 Tunnels and Underground Structures



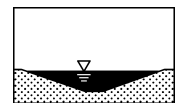
EN 13252:2016 Drainage Systems



EN 13257:2016 Solid Waste Disposals



EN 13253:2016 Erosion Control Works



EN 13265:2016 Liquid Waste Disposals

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]	16	-2	EN ISO 10319
Tensile strength (CMD)	[kN/m]	16	-2	EN ISO 10319
Tensile elongation (MD)	[%]	95	±25	EN ISO 10319
Tensile elongation (CMD)	[%]	46	±13	EN ISO 10319
Cone drop test (hole ø)	[mm]	22	+3	EN ISO 13433
CBR puncture strength	[kN]	2.35	-0.235	EN ISO 12236
Characteristic opening size (O90)	[µm]	100	±30	EN ISO 12956
Water permeability normal to the plane	[mm/s]	115	-23	EN ISO 11058
In-plane flow capacity (20 kPa, i=1; F/F)	[l/ms]	4.80 E ⁻³	-1.40 E ⁻³	EN ISO 12958
Pyramid test	[N]	260	-52	EN 14574
Protection efficiency	[%]	2.3	+0.46	EN 13719
Durability: To be covered within 1 month after installation Has passed the following tests: Resistance to weathering EN 12224 acc. Tab. B.1 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.

A. Puchner
(Quality manager)

Linz, 2023-12-05
(place and date of issue)