

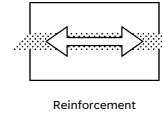
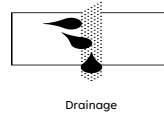
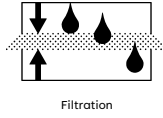
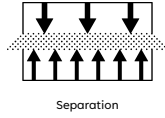
# Declaration of Performance



No.: MIRAGRID® PEC 40/40-2023-12-05

1. Product Type: MIRAGRID® PEC 40/40

2. Intended use:



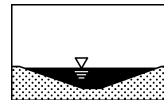
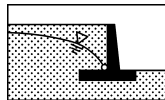
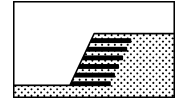
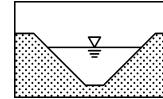
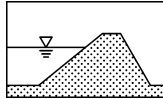
3. Name, registered trade name and Contact address:

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

4. AVCP:

System 2+

5. Intended use:



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]	42	-2	EN ISO 10319
Tensile strength (CMD)	[kN/m]	42	-2	EN ISO 10319
Tensile elongation (MD)	[%]	11	±2.2	EN ISO 10319
Tensile elongation (CMD)	[%]	10.5	±2.1	EN ISO 10319
Cone drop test (hole ø)	[mm]	17	+4.25	EN ISO 13433
CBR puncture strength	[kN]	3.5	-0.35	EN ISO 12236
Characteristic opening size (O90)	[µm]	120	±36	EN ISO 12956
Water permeability normal to the plane	[mm/s]	55	-16.5	EN ISO 11058
In-plane flow capacity (20 kPa, i=1; F/F)	[l/ms]	2.00 E <sup>-3</sup>	-6.00 E <sup>-4</sup>	EN ISO 12958
Durability: Has passed the following tests: Resistance to weathering EN 12224 acc. Tab. B.1 To be covered within 2 weeks after installation, nonwoven side exposed. 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.

i.A.

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

A. Puchner  
(Quality manager)