

# Declaration of Performance



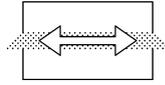
23



No.: MIRAGRID® GX 55/55-2023-12-05

1. Product Type: MIRAGRID® GX 55/55

2. Intended use:



Reinforcement

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+

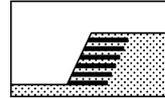
5. Intended use:



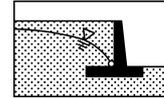
EN 13249:2016 Roads



EN 13250:2016 Railways



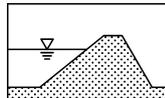
EN 13251:2016 Earthworks, Foundations and Retaining Structures



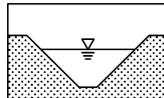
EN 13252:2016 Drainage Systems



EN 13253:2016 Erosion Control Works



EN 13254:2016 Reservoirs and Dams



EN 13255:2016 Canals



EN 13257:2016 Solid Waste Disposals



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]	58	-2.9	EN ISO 10319
Tensile strength (CMD)	[kN/m]	58	-2.9	EN ISO 10319
Tensile strength at 2% (MD)	[kN/m]	10	-2	EN ISO 10319
Tensile strength at 2% (CMD)	[kN/m]	10	-2	EN ISO 10319
Tensile elongation (MD)	[%]	10.5	±2.1	EN ISO 10319
Tensile elongation (CMD)	[%]	10	±2	EN ISO 10319
CBR puncture strength		NOT APPLICABLE		EN ISO 12236
Cone drop test (hole ø)		NOT APPLICABLE		EN ISO 13433
Durability: To be covered within 2 weeks 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. Has passed the following tests: Resistance to hydrolysis to EN 12447				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)