

Declaration of Performance

No.: MIRAGRID GX 55/55 2013-07-01

1. **Unique identification code of product-type:** TenCate Miragrid MIRAGRID GX 55/55

2. **Product Type:** MIRAGRID GX 55/55

3. **Intended use:**

EN 13249:2005 Roads	EN 13254:2005 Reservoirs and dams
EN 13250:2005 Railways	EN 13255:2005 Canals
EN 13251:2005 Foundations and walls	EN 13256:2005 Tunnels and underground structures
EN 13252:2005 Drainage systems	EN 13257:2005 Solid waste disposals
EN 13253:2005 Erosion control	EN 13265:2005 Liquid waste disposals

4. **Contact address:**

TenCate Geosynthetics Austria GesmbH
 Schachermayerstraße 18, 4021 Linz, Austria
 Tel.: +43 70 6983 5353; e-mail: service.at@tencate.com

5. **System or systems of assessment:** System 2+

6. **In case of the declaration of performance (DoP) concerning a construction product covered by a harmonized standard:**

Notified Body No. 0799 Kiwa MPA Bautest GmbH, Niederlassung 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+

7. **Declared performance:**

Essential characteristics		Performance		Test standard
		Mean value	Tolerance	
Tensile strength (MD / CMD)	[kN/m]	58 / 58	-2,9 / -2,9	EN ISO 10319
Elongation (MD / CMD)	[%]	10,5 / 10	+/-2,1 / +/-2	EN ISO 10319
Tensile strength at 2%	[kN/m]	10 / 10		EN ISO 10319
Tensile strength at 5%	[kN/m]	17 / 17		EN ISO 10319
CBR puncture strength	[N]	NOT APPLICABLE		EN ISO 12236
Cone drop test (hole diameter)	[mm]	NOT APPLICABLE		EN ISO 13433
Durability:				Annex B of harmonised technical specification
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 a minimum of 25 years in natural soils with 4 < pH < 9 and soil temperatures < 25°C.				
Has passed the following tests: Resistance to liquids EN 14030; method A and B				
Has passed the following tests: Microbiological resistance EN 12225				
Has passed the following test: Resistance to internal hydrolysis to EN 12447				

Dangerous substances: less than the requirements specified in national regulations in force in the EU Member States

8. **Declaration:**

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.


Signed for and on behalf of the manufacturer by:

A. Puchner (Quality Manager)

 (name and function)

Linz, 2013-07-01

 (place and date of issue)

i.A. 

 (signature)