

Declaration of Performance

No.: GX 55/55 2018-02-01

07

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

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

3. **Intended use:**

EN 13249:2016 Roads and other trafficked areas (excluding railways and asphalt inclusion)

EN 13250:2016 Railways

EN 13251:2016 Earthworks, foundations and retaining structures

EN 13252:2016 Drainage systems

EN 13253:2016 Erosion control works (costal protection, bank revetments)

EN 13254:2005 Reservoirs and dams

EN 13255:2016 Canals

EN 13256:2016 Tunnels and underground structures

EN 13257:2016 Solid waste disposals

EN 13265:2016 Liquid waste disposals

Functions: Reinforcement

4. **Contact address:**

TenCate Geosynthetics Austria GesmbH

Schachermayerstraße 18, 4021 Linz, Austria

Tel.: +43 70 6983 5353; www.tencategeo.at; service.at@tencategeo.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 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+.

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
CBR puncture strength	[N]	NOT APPLICABLE		EN ISO 12236
Cone drop test (hole diameter)	[mm]	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 $4 < \text{pH} < 9$ and soil temperatures $< 25^{\circ}\text{C}$. Has passed the following tests: Resistance to hydrolysis to EN 12447				Annex B of harmonised technical specification

*) corresponding to harmonized technical specifications of application standards mentioned under item 3.

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, 2018-02-01

(place and date of issue)



(signature)