

Declaration of Performance

No.: Megadrain S 38-215 2019-07-12

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1. **Unique identification code of product-type:** TenCate Megadrain S 38-215

2. **Product Type:** Megadrain S 38-215

3. **Intended use:**

EN 13252:2016 Drainage systems

Functions: Separation | Filtration | Drainage

4. **Contact address:**

TenCate Geosynthetics Austria GesmbH
Schachermayerstraße 18, 4021 Linz, Austria
Tel.: +43 732 6983-0; 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. 1597 IPP - Istituto Italiano dei Plastici S.r.l, 20900 Monza (MB), 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	
Drainage composite				
Tensile strength (MD / CMD)	[kN/m]	15 / 15	-1 / -1	EN ISO 10319
Elongation (MD / CMD)	[%]	50 / 50	+/-15 / +/-15	EN ISO 10319
In-plane flow capacity (20 kPa, i=1; soft/soft)	[l/ms]	3.0E+0	-9.0E-1	EN ISO 12958
Filter - geotextile				
CBR puncture strength	[N]	1200	-156	EN ISO 12236
Cone drop test (hole diameter)	[mm]	36	+7.2	EN ISO 13433
Opening size (O90)	[µm]	90	+/-27	EN ISO 12956
Water permeability normal to the plane	[l/m²s]	90	-27	EN ISO 11058
Durability: To be covered within 1 month after installation 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

*) 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 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.

Signed for and on behalf of the manufacturer by:

A. Puchner (Quality Manager)

(name and function)

Linz, 2019-07-12

(place and date of issue)



(signature)