

Declaration of Performance

No.: Rock PEC 40/40 ND 2021-07-12

14

1. **Unique identification code of product-type:** TenCate Rock PEC 40/40 ND

2. **Product Type:** Rock PEC 40/40 ND

3. **Intended use:**

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

EN 13254:2016 Reservoirs and dams

EN 13250:2016 Railways

EN 13255:2016 Canals

EN 13251:2016 Earthworks, foundations and retaining structures

EN 13257:2005 Solid waste disposals

EN 13252:2016 Drainage systems

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

EN 13265:2016 Liquid waste disposals

Functions: Separation | Filtration | Drainage | Reinforcement

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. 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]	42 / 42	-2 / -2	EN ISO 10319
Elongation (MD / CMD)	[%]	11 / 10.5	+/-2.2 / +/-2.1	EN ISO 10319
In-plane flow capacity (20 kPa, i=1; soft/soft)	[l/ms]	2.0E-3	-6.0E-4	EN ISO 12958
CBR puncture strength	[N]	3480	-348	EN ISO 12236
Cone drop test (hole diameter)	[mm]	17	+4.25	EN ISO 13433
Opening size (O90)	[µm]	95	+/-28.5	EN ISO 12956
Water permeability normal to the plane	[l/m²s]	55	-16.5	EN ISO 11058
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

*) 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, 2021-11-15

(place and date of issue)



(signature)