

DECLARATION OF PERFORMANCE

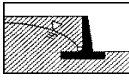
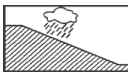
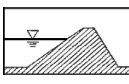
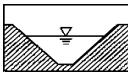
1071 - CPR - 1970

110190NG08R05-22032024

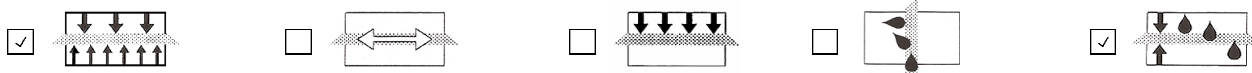
Unique product identification

GEO PP 3NG/08

INTENDED USES:

☒		EN 13249:2016 Characteristics required for use in the construction of roads and other trafficked areas	EN 13250:2016 Characteristics required for use in the construction of railways		☒
☒		EN 13251:2016 Characteristics required for use in earthworks, foundations and retaining structures	EN 13252:2016 Characteristics required for use in drainage systems		☒
☒		EN 13253:2016 Characteristics required for use in erosion control works (coastal protection, bank revetments)	EN 13254:2016 Characteristics required for use in the construction of reservoirs and dams		☒
☒		EN 13255:2016 Characteristics required for use in the construction of canals	EN 13256:2016 Characteristics required for use in the construction of tunnels and underground structures		☐
☒		EN 13257:2016 Characteristics required for use in solid waste disposal	EN 13265:2016 Characteristics required for use in liquid waste containment projects		☒

FUNCTIONS:



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Produced in factories SN - CB1 - CB2

SYSTEM 2+

Notified factory production control certification body No. 1071 SINTEF Building and Infrastructure performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production and issued the certificate of conformity of the factory production control.

DECLARED PERFORMANCES:

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Characteristic	Test Method	Unit	Nominal Value	Tolerance
Wide-Width tensile strength	EN ISO 10319	kN/m - MD	16,00	-1,50
		kN/m - CMD	17,00	-1,50
Elongation	EN ISO 10319	% - MD	42,00	-8,4 / +30
		% - CMD	58,00	-11,6 / +35
Static puncture resistance	EN ISO 12236	N	2400	-240
Dynamic perforation test	EN ISO 13433	mm	23,0	+ 5,0
Supported Pyramidal Puncture Resistance	EN 14574	N	NPD	NPD
Characteristic opening size - O90	EN ISO 12956	µm	60	-18 / +18
Permeability normal to the plane	EN ISO 11058	m/s	0,045	-0,013
Water flow capacity in the plane	EN ISO 12958	m ² /s - 20 kPa - i=1	NPD	NPD
		m ² /s - 100 kPa - i=1	NPD	NPD
		m ² /s - 200 kPa - i=1	NPD	NPD
Durability prediction	EN 13249/57:2016,ANNEX B EN 13265:2016,ANNEX B	To be covered within 1 month after installation. Predicted to be durable for more than 100 years in natural soils with 4≤pH≤9 and soil temperature ≤ 25 °C		
Dangerous substances	NPD			

The performance of the product identified in point 2 is in conformity with the set of declared performances in point 8.

This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified in point 4.

Date, Place

22/3/2024 , Valbrenta



Renato Campana

Chairman of the Board