

## DECLARATION OF PERFORMANCE

Nr. 05 - DoP -10/17, Rev. 4

1. Unique identification code of the product-type:

**GEOSPAL**

2. Type, batch or serial number or any other element allowing identification of the construction product:

**GEOSPAL 400**

3. Intened use:

**For use in the construction of reservoirs, dams, canals, tunnels, underground structures, for use in solid waste disposals and in liquid waste containment projects as protection layer**

4. Manufacturer:

**Neaustima JSC,  
 J. Basanaviciaus str. 103c,  
 LT-76129 Siauliai, Lithuania  
 Tel. +370 41 545454, Fax. +370 41 544492  
 E-mail: info@neaustima.lt**

5. System of AVCP:

**System 2+**

6. Harmonised standard:

**EN 13254, EN 13255, EN 13256, EN 13257, EN 13265**

**Notified factory production control certification body Kiwa GmbH, TBU, identification number 0799, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.**

7. Declared performances:

Essential characteristics	Performance	Harmonized technical specification	
Tensile strength, kN/m : MD CMD	6,0 (- 2,0) 4,0 (- 1,5)	EN ISO 10319	
Elongation at maximum load, % : MD CMD	70 (± 20) 120 (± 20)	EN ISO 10319	
Dynamic perforation resistance (cone drop test), mm	11,0 (+ 8,0)	EN ISO 13433	
Pyramid puncture resistance, N	341 (- 90)	EN 14574	
Determination of the long term protection efficiency of geotextiles, %	Measured strain		
	300 kPa 3,00 (+ 1,20)	600 kPa 5,50 (+ 1,70)	1200 kPa 8,80 (+ 3,50)
Durability in accordance with Annex B	To be covered on the day of installation. Predicted to be durable a minimum of 5 years for non-reinforcing applications in natural soil with $4 \leq \text{pH} \leq 9$ and soil temperatures $\leq 25$ °C.		
Dangerous substances	Less than required by national regulations in EU Member States		
Thickness (2 kPa), mm	3,5 (± 0,4)	EN ISO 9863-1	

**8. 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:

**Head of technologist**

Siauliai, Lithuania, February, 2019  
 (place and date of issue)

  
 (signature)

**Virginija Savickienė**

