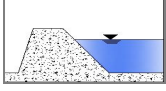




## DECLARATION OF PERFORMANCE

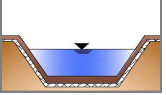
CPR-1315-BS5-201

1. Geosynthetic Clay Liner
2. BentoShield 5000
3. Applications and intended uses of geosynthetic clay liner



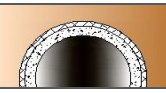
### EN 13361

Geosynthetic barriers "Characteristics required for use as a fluid barrier in the construction of reservoirs and dams"



### EN 13362

Geosynthetic barriers "Characteristics required for use in the construction of canals"



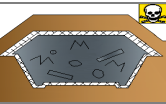
### EN 13491

Geosynthetic barriers "Characteristics required for use as a fluid barrier in the construction of tunnels and underground structures"



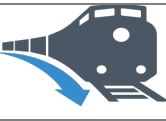
### EN 13492

Geosynthetic barriers "Characteristics required for use in the construction of liquid waste disposal sites, transfer stations or secondary containment"



### EN 13493

Geosynthetic barriers "Characteristics required for use in the construction of solid waste storage and disposal sites"



### EN 15382

Geosynthetic barriers - Characteristics required for use in transportation infrastructure

4. Manufactured by: Geomas Geocomposite A.S. Barboros mah. Kardelen Sk. Palladium Tower No: 2 Kat 15 Ataşehir Istanbul Turkey
5. System or systems of assessment and verification of constancy of performance: System 2+
6. Dedal Attestation & Certification. (Notified Body 1922) performed the initial inspection of the manufacturing plant and of factory production control and performs the continuous surveillance, assessment and evaluation of factory production control under System 2+ and issued the Certificate of Factory Production Control (1922-CPR-1315).
7. Declared Performance

Properties	Value	Harmonised technical specification
Tensile Strength	12.00 kN/m ( $\pm 1,2$ kN/m)	EN 13361
Static puncture	1850 N ( $\pm 150$ N)	EN 13491
Permeability	$5 \times 10^{-11}$ m/s	EN 13492
Durability	(to be covered on the day of the installation )	EN 13493
Dangereous Substances	It does not contain any dangereous material.	EN 13362
		EN 15382

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.

### Geomas Geocomposite A.S.

Okan Türkoğlu  
Managing Director

February 12, 2020, Istanbul factory, Turkey