Eurobent®

CE
1023-CPR-0295 F

DECLARATION OF PERFORMANCE

No. 5.0 CS/2013/1

1. Unique identification code of the product-type: EB 5.0 CS/2013/1
2. Type, batch or serial number: EUROBENT 5000 CS
3. Description of the product: Bentonite mat is a geosynthetic barriers (type GBR-C) consisting of bentonite in granular form, bonded between woven and non-woven layer, mechanically needled together, finally glued to a PE-membrane.

   Intended use or uses of the construction product:

   • Construction of water reservoirs, barriers, dams, flood banks,
   • Canal construction,
   • Construction of the catchment, waste dumps,
   • As the insulation in the construction of tunnels (underground construction)
   • Construction of storage and disposal of solid waste,
   • Waterproof isolation

4. Product name: **EUROBENT 5000 CS**

   Manufacturer / Manufacturing facility / Manufacturer's contact adress:
   Eurobent Sp. z o.o., 58-100 Świdnica, ul. Kliczkowska 42

5. The assessment and verification of constancy of performance of the product: 2 +

   Harmonized technical specification:
   EN 13361+A1:2007, EN 13362:2005, EN 13491+A1:2007, EN 13492+A1:2007, EN 13493:2005, EN 13967+A1 2012

6. Institute for Testing and Certification SA, Czech Republic, Notified Body No. 1023 has performed the initial inspection of factory and factory production control system 2 + and performs the continuous surveillance, assessment and evaluation of factory production control system 2 +, and issued a certificate of factory production control.

7. Declared performance:

Essential characteristics	Characteristics	Harmonized technical specification
Tensile strength: alongside	10,4 kN/m (-10%)	EN ISO 10319
Tensile strength: across	10,4 kN/m (-10%)	EN ISO 10319
Puncture Strength CBR	1,8 kN (-10%)	EN ISO 12236
Permeability	NOT MEASUREABLE	ASTM D 5887

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:

PREZES

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Christoph Terlinden
(name, surname, function)

Eurobent Sp. z o.o.
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Świdnica 23.03.2015

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(place and date of issue)

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(signature)