



## DECLARATION OF PERFORMANCE

(according to Regulation (EU) No 32/2019)

Page 1 of 2

No FGEO-300/EN

### 1. Unique identification code of the product-type:

Non-woven polypropylene (PP) geotextile „Fortex Geo 300“  
(4 m x 50 m)

### 2.; Intended use/es, harmonised standards:

6a.

Intended uses	Harmonized standards	Functions
For the construction of roads and other trafficked areas	EN 13249:2016	F, S, R
For the construction of railways	EN 13250:2016	F, S, R
For use in earthworks, foundations and retaining structures	EN 13251:2016	F, S, R
For use in drainage systems	EN 13252:2016	F, S, D
For erosion control works (coastal protection, bank revetments)	EN 13253:2016	F, S, R
For the construction of reservoirs and dams	EN 13254:2016	F, S, R
For the construction of canals	EN 13255:2016	F, S, R
For use in solid waste disposals	EN 13257:2016	F, S, R
For use in liquid waste containment projects	EN 13265:2016	F, R

**Functions:** F – Filtration; S – Separation; R – Reinforcement; D - Drainage

### 3. Manufacturer\*:

**UAB "BALTIJOS BRASTA"**

Palemono str. 7B, LT-52158 Kaunas, LITHUANIA  
Phone: +370-37-45 70 21; Fax: +370-37-45 37 32  
e-mail: info@baltijosbrasta.lt; www.baltijosbrasta.lt

4. **Authorised representative:** Not applicable.

5. **System/s of AVCP:** System 2

6. **Notified body/ies:** No. 1488 – Instytut Techniki Budowlanej ul. Filtrowa 1, 00-611 Warszawa

6b. **European Assessment Document; European Technical Assessment; Technical Assessment Body; Notified body/ies:** Not applicable.

### 7. Declared performance/s:

<i>Essential characteristics</i>	<i>Performance</i>	<i>Test methods</i>
Mass per unit area	300 ( $\pm$ 28) g/m <sup>2</sup>	EN ISO 9864
Tensile Strength – MD / CMD	24,5 / 24,5 (- 2,5) kN/m	EN ISO 10319
Elongation at maximum load – MD / CMD	50 / 50( $\pm$ 20) %	EN ISO 10319
Resistance to static puncture (CBR test)	4400 (- 600) N	EN ISO 12236
Resistance to dynamic perforation (cone drop test)	12 (+ 3,0) mm	EN ISO 13433
Characteristic opening size (O <sub>90</sub> )	75 ( $\pm$ 25) $\mu$ m	EN ISO 12956
Water permeability normal to the plane VI50 (V <sub>H50</sub> )	28 (- 10) l/m <sup>2</sup> s	EN ISO 11058



## DECLARATION OF PERFORMANCE

(according to Regulation (EU) No 574/2014)

Page 2 of 2

No FGEO-280/EN

Water flow capacity in the plane - MD / CMD	HG 1,0 at 20 kPa	31 / 26	l/m/s*10 <sup>-4</sup> (- 30 %)	EN ISO 12958
	HG 1,0 at 100 kPa	8,2 / 12		
	HG 1,0 at 200 kPa	3,6 / 3,4		
Thickness (pressure 2 kPa)		1,8 (± 0,2) mm		EN ISO 9863-1
Durability	To be covered within 2 weeks after installation. Predicted to be durable for up to 100 years in natural soils with $4 \leq \text{pH} \leq 9$ and soil temperatures $\leq 25 \text{ }^\circ\text{C}$ and is highly resistant to acidic and alkaline environments, based on a durability assessment (EN ISO 13438, method A, mod. 28 days in water at $80 \text{ }^\circ\text{C}$ followed by 112 days in air at $100 \text{ }^\circ\text{C}$ )			
Dangerous substances	Due to the composition of the material, less than required by national regulations in EU member states			
More information:	<a href="http://www.baltijosbrasta.lt">www.baltijosbrasta.lt</a>			

8. **Appropriate Technical Documentation and/or Specific Technical Documentation:** Not applicable.

**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:**

Andrius Severinas, Project manager

*(name and function)*

At Kaunas on 31-01-2020

*(place and date of issue)*

*(signature)*

\* In accordance with the Construction Products Regulation No 305/2011/EU, Article 2 p. 19 – „manufacturer’ means any natural or legal person who manufactures a construction product or who has such a product designed or manufactured, and markets that product under his name or trademark“