

DECLARATION OF PERFORMANCE

No. 4/GEO G/2014

1. Unique identification code of the product-type:

GEOCHRON 0,75 G

GEOCHRON 1,00 G

GEOCHRON 1,50 G

GEOCHRON 2,00 G

GEOCHRON 2,50 G

2. Batch number:

See product label: "Batch no/roll no"

3. Intended uses of the construction product, in accordance with the applicable harmonised technical specification:

Fluid barrier in the construction of tunnels and underground structures.

Fluid and/or gas barrier in the construction of liquid waste disposal sites, transfer stations and secondary containment.

Fluid and/or gas barrier in the construction of solid waste storage and disposal sites.

Fluid barrier in the construction of reservoirs and dams.

Fluid barrier in the construction of canals.

Fluid barrier in transportation infrastructure.

4. Trade name and contact address of the manufacturer

Geosynthetic Polymeric Barriers (GBR-P) Geomembrane GEOCHRON HDPE smooth

OBR Joint Stock Company

09-411 Płock ul. Chemików 5

Production plant:

09-407 Płock ul. Otolińska 25

5. Name and contact address of the authorised representative:

Not relevant

6. System of assessment and verification of constancy of performance of the construction product:

System 2+

7. Building Research Institute, notified body no. 1488 performed initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued certificate of conformity of the factory production control no. 1488-CPR-0139/Z

8. European Technical Assessment

Not relevant

9. Declared performance

Essential characteristics		Performance					Harmonised technical specification
		Unique identification code of the product-type					
		GEOCHRON 0,75 G	GEOCHRON 1,00 G	GEOCHRON 1,50 G	GEOCHRON 2,00 G	GEOCHRON 2,50 G	
Thickness		0,75mm ±10%	1,00mm ±10%	1,50mm ±10%	2,00mm ±10%	2,50mm ±10%	EN 13491:2013 EN 13492:2013 EN 13493:2013 EN 13361:2013 EN 13362:2013 EN 15382:2013
Tensile strength	MD	30 (-3) N/mm ²					
	TD	30 (-3) N/mm ²					
Elongation at break	MD	≥ 800%					
	TD						
Static puncture resistance		1,8 (-0,18) kN	3,0 (-0,3) kN	4,5 (-0,45) kN	5,5 (-0,55) kN	6,5 (-0,65) kN	
Water permeability		≤ 10 ⁻⁶ m ³ *m ⁻² *d ⁻¹					
Durability	weathering conditions resistance	Cover in one year					
	oxidation	Pass					
	environmental stress crack resistance						
Hazardous substances		No hazardous substances					
Gas permeability		≤ 2 x 10 ⁻⁷ cm ² /(sec x atm)					EN 13492:2013 EN 13493:2013

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

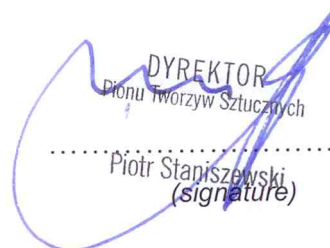
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Piotr Staniszewski, Plastic Products Sale Director

Płock, 19.11.2014r.

(place and date of issue)


 DYREKTOR
 Pionu Tworzyw Sztucznych

 Piotr Staniszewski
 (signature)