

DECLARATION OF PERFORMANCE

No. 030-CPR/2021

1. Unique identification code of the product-type:

HDPE POLYMERIC GEOSYNTHETIC BARRIER SMOOTH GEOSTAR 750

2. Intended use/es:

as fluid barriers for application in the construction of reservoirs and dams, canals, tunnels and underground structures, as fluid and/or gas barriers for application in the construction of liquid waste disposal sites, transfer stations and secondary containment, solid waste storage and disposal sites.

3. Manufacturer:

FOLIAREX Sp. z o. o.
69-100 Słubice
ul. Osiedle Przemysłowe 22
Poland

4. System/s of AVCP: 2+

5. Harmonised standard:

EN 13361:2004
EN 13361:2004/A1:2006
EN 13362:2005
EN 13491:2004
EN 13491:2004/A1:2006
EN 13492:2004
EN 13492:2004/A1:2006
EN 13493:2005

Notified body/ies:

no. 1023 – INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI a. s

6. Declared performance/s:

Essential characteristics		Functional properties	Unit	Harmonised technical specification
Tensile strength: - MD - CD		30 (-7) 30 (-7)	[MPa]	EN 13361:2004 EN 13361:2004/A1:2006 EN 13362:2005
Resistance to static puncture (CBR)		2,3 (-0,5)	[kN]	EN 13491:2004 EN 13491:2004/A1:2006 EN 13492:2004
Liquid tightness		$< 10^{-6}$	[m ³ m ⁻² d ⁻¹]	EN 13492:2004/A1:2006 EN 13493:2005
Durability	Weathering	Pass	-	
	Oxidation	Pass	-	
	Environmental stress cracking	Pass	-	
Dangerous substances		No contains	-	
Gas tightness		$\leq 6,3 \times 10^{-9}$	[m ³ m ⁻² d ⁻¹]	EN 13492:2004 EN 13492:2004/A1:2006 EN 13493:2005

The performance of the product identified above is in conformity with the set of declared performances. 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:

PEŁNOMOCNIK ZARZĄDU
DS. JAKOŚCI I CERTYFIKACJI

mgr inż. Anna Rakowska

Słubice, 16.12.2021