

DECLARATION OF PERFORMANCE - Number: E-107

1. Unique identification code of the product-type:

EPDM Pond Liner, Fish Friendly EPDM, GeoEPDM

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

Products are labeled with a 12 digit bar code that identifies the plant location, allowing traceability to production records.

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

A black synthetic non-reinforced EPDM membrane used as a fluid barrier

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Carlisle SynTec, 1285 Ritner Highway, Carlisle PA 17013, USA:

CE Certificate EN 13361: BC2-331-0298-0210-01

CE Certificate EN 13967: BC2-336-298-GEO01-01

Carlisle SynTec, 1825 East US Route 40, Greenville IL 62246, USA:

CE Certificate EN 13361: BC2-331-0298-0230-05

CE Certificate EN 13967: BC2-336-298-GEO05-05

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not Relevant (See Point 4)

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

AoCP System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

A construction product covered by the harmonized standard EN 13361:2004 and EN13967:2012 (Type T), BCCA, identified under registration number 0749, performed certification of constancy of performance under system 2+, on the basis of the following items:

A. The manufacturer carrying out:

1. Factory Production Control

2. Further testing of samples taken at the factory by the manufacturer in accordance with the prescribed test plan

B. The notified product certification body issued the certificate of constancy performance of the product on the basis of:

1. Initial inspection of manufacturing plant and of factory production control

2. Continuous surveillance, assessment and evaluation of factory production control

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:

Not Relevant (See Point 7)

9. Declared Performance:

Essential Characteristics	Performance	Test Standard	Harmonized Technical Specification
Tensile Strength @ break (MPa)		ISO R 527 parts 1 & 3	EN 13361 : 2004
No Aging – (L, T)	≥ 8,0		
Oxidation – 90 days @ 85°C	Δ ≤ 25%	pr EN 14575	
Weathering – 3000 hours UV	Δ ≤ 25%	EN 12224	
Static Puncture (kN)	≥ 0,5	EN ISO 12236	
Water Permeability (m ³ /m ²)/d	0	pr EN 14150	
Durability - Environmental Stress Cracking (hours)	≥ 200	ASTM D 5397-99 Appendix	EN 13967 : 2012
Water Tightness			
Initial State (Unaged)	Pass	EN 1928	
Heat Aged	Pass		
Chemical Exposure	Pass		

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:



Mr. Orlando Lobo – Vice President, International Operations - Carlisle, Pennsylvania, USA

March, 2014