

**DECLARATION OF PERFORMANCE - Number: E-107
Construction Products Regulation (EU) No. 305/2011**

1. **Product:** AquaTough, EPDM Pond Liner, Fish Friendly EPDM, GeoEPDM, LIFEGUARD POND LINER
2. **Product Identification:** See bar code and label on packaging.
3. **Intended Use:** Fluid Barrier, Type GBR-P – EN 13361 and EN 13967
4. **Manufacturing Locations:**
 - a. Carlisle Pennsylvania, USA
 - b. Greenville Illinois, USA
5. **Representative Contact:** N.A.
6. **AVCP:** 2+
7. **Notified Body (hEN):**

BCCA
Aarienstraat / Rue d'Arion 53, B
Brussel / Bruxelles
Registration No. 0749

BCCA performed the initial inspection of the manufacturing plants and conducts continuous surveillance, assessment and evaluation of each plants Factory Production Control scheme. The BCCA issued Certificates are as follows:

Carlisle PA, USA:	CE Certificate EN 13361: BC2-331-01457-0100-01
	CE Certificate EN 13967: BC2-336-298-GEO01-01
Greenville IL, USA:	CE Certificate EN 13361: BC2-331-01457-0230-05
	CE Certificate EN 13967: BC2-336-298-GEO05-05

8. **Notified Body (ETA):** N.A.

9. **Declared Performance:**

Essential Characteristics	Performance	Test Standard
Effective Thickness (%)	-5 to +10 of target	EN 1849-2
Joint Peel Resistance (N/50mm)	≥ 50	EN 12316-2
Joint Shear Resistance (N/50mm)	≥ 200	EN 12317-2
Tensile Strength (N/mm ²)	≥ 6	EN 12311-2
Elongation (%)	≥ 350	EN 12311-2
Static Puncture (kN)	≥ 0,5	EN ISO 12236
Water Permeability (m ³ /m ²)/d	0	EN 14150
Durability - Environmental Stress Cracking (hours)	≥ 200	ASTM D 5397-99 Appendix
Water Tightness		EN 1928
Initial State (Unaged)	Pass	
Heat Aged	Pass	
Chemical Exposure	Pass	

10. **Declaration:** 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. John Austin, Director
 Carlile International Operations, Carlisle, Pennsylvania, USA

June, 2019