

**DECLARATION OF PERFORMANCE - Number: E-101
Construction Products Regulation (EU) No. 305/2011**

1. **Product:** Sure-Seal, Sure-Seal FR, Sure-Seal 445 EPDM, Sure-Seal Kleen, Sure-Seal Pre Tape, Sure-Seal Kleen Pre Tape, Versigard, Versigard Kleen, Versigard Pre Tape, Versigard Kleen Pre Tape, Classics EPDM, Classics EPDM Kleen, Classics EPDM Pre Tape, Classics EPDM Kleen Pre Tape, ClassicBond, Roofguard, Fix-R
2. **Product Identification:** See bar code and label on packaging.
3. **Intended Use:** Roof Waterproofing / Fluid Barrier, Type GBR-P – EN 13956, EN 13361 and EN 13967
4. **Manufacturing Locations:**
 - a. 1285 Ritner Highway Carlisle, Pennsylvania, USA 17013
 - b. 1825 East US Route 40 Greenville, Illinois, USA 62246
5. **Representative Contact:** SIG Trading Ltd t/a Flex-R Adsetts House, 16 Europe View, Sheffield S9 1XH England
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 13956: BC2-320-01457-0020-01
	CE Certificate EN 13361: BC2-331-01457-0100-01
	CE Certificate EN 13967: BC2-336-298-GEO01-01
Greenville IL, USA:	CE Certificate EN 13956: BC2-320-01457-0230-05
	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	Technical Specification
Effective Thickness (%)	-5 to +10 of target	EN 1849-2	EN 13956: 2012
External Fire Performance	Froof ¹	EN 13501-5	
Reaction to Fire	Class E	EN 13501-1	
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	
Dimensional Stability (%)	≤ 0,5	EN 1107-2	
Flexibility at Low Temperature (°C)	≤ -45	EN 495-5	
UV Exposure	Pass	EN 1297 / 495-5	
Resistance to Ozone	Pass	EN 1844	
Resistance to Hail – soft / hard surface (m/s)	≥ 17	EN 13583	
Resistance to Impact (mm)	≥ 900	EN 12691	
Tensile Strength @ break (MPa)		EN 12311-2	
No Aging – (L, T)	≥ 6		
Oxidation – 90 days @ 85°C (%)	Δ ≤ 25	EN 14575	
Weathering – 3000 hours UV (%)	Δ ≤ 25	EN 12224	
Static Puncture (kN)	≥ 0,5	EN ISO 12236	EN 13967: 2017
Water Tightness		EN 1928	
Initial State (Unaged)	Pass		
Heat Aged	Pass		
Chemical Exposure	Pass		

Note 1: The EN 13501-5 Classification of a product, in accordance with EN 13956:2012, is limited to Class F. Broof(t1) and Broof(t4) assembly Classifications can be obtained.

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:

Laurie Hanel, Quality Services Specialist

Manufacturing Systems Excellence, Carlisle, Pennsylvania, USA

July 2022