

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

1. **Product:** Sure-Seal, Sure-Seal FR, 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 – EN 13956, 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 13956: BC2-320-0298-0020-01
	CE Certificate EN 13361: BC2-331-0298-0210-01
	CE Certificate EN 13967: BC2-336-298-GE001-01
Greenville IL, USA:	CE Certificate EN 13956: BC2-320-0298-0230-05
	CE Certificate EN 13361: BC2-331-0298-0230-05
	CE Certificate EN 13967: BC2-336-298-GE005-05

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

9. **Declared Performance:**

Essential Characteristics	Performance	Test Standard
Effective Thickness (%)	-5 to +10 of target	EN 1849-2
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)	≥ 8	EN 12311-2
Elongation (%)	≥ 350	EN 12311-2
Tear Resistance (N)	≥ 25	EN 12310-2
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	≥ 10	EN 12691
Tensile Strength @ break (MPa)		ISO R 527 parts 1, 3
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 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:



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

January, 2017