



HANSE SYNTEC SYSTEMS



DECLARATION OF PERFORMANCE

Number E-103

Construction Products Regulation EU 305/2011



0749-CPR-BC2-320-01457-0020-01

1.	Product	HSS EPDM Dachbahn VLIES+
2.	Type, Batch Number	Internal documentation according to manufacturer's batch numbers
3.	Intended Use:	Roof Waterproofing acc. to EN 13956, Building Waterproofing acc. to EN 13967
4.	Manufacturing Locations:	Carlisle Pennsylvania, USA a) 1285 Ritner Highway, P.O. Box 7000, USA – PA 17013 Carlisle
5.	Contact address of the authorized representative	Hanse Baustoffe Handelsges. mbH & Co. KG Lily-Braun-Straße 46 23843 Bad Oldesloe, Germany
6.	System for evaluation and verification	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 13967: BC2-336-298-GEO01-01
8.	European Technical Assessment (ETA)	Not relevant



9. Declared Performance

Essential Characteristics	Performance	Test Standard	Technical Specification
Effective Thickness (%)	-5 / +10	EN 1849-2	EN 13956:2012
External Fire Performance	F _{ROOF} *	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 (Breaking) Strength (N/50mm)	≥ 400	EN 12311-2	
Elongation (%)	≥ 15	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 (mm)	≥ 900	EN 12691	
Static Puncture (kN)	≥ 0,5	EN ISO 12236	
Initial State (Unaged)	Pass	EN 1928	EN 13967: 2017
Heat Aged	Pass		
Chemical Exposure	Pass		

* The EN 13501-5 Classification of a product in accordance with EN 13956, is limited to Class F.
BROOF (t1) for defined roof structures were determined separately (abP). These can be requested from Hanse Baustoffe Handelsges. mbH & Co. KG and are also available online at www.hanse-baustoffe.de.

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:

John Austin
Director, Carlisle International Operations, Carlisle, Pennsylvania, USA

Juni 2021