CE Certificate No. 1139-CPR-0027/06

Büsscher Hoffmann
Waterproofing Systems

H 52119
DIAMANT WF-S

Product	Root resistant TOP-SBS-modified bitumen membrane with special polyester reinforcement for GREEN ROOFS, incresed plasticity
Top side	Light surface protection (Slate) with 8 cm selvedge (foil)
Bottom side	Foil
Intended use	• Root resistant Cap sheet of bituminous GREEN ROOF-systems
Standard	EN 13707
Application	Torch-on method Side laps min. 8 cm, end laps min. 10 cm overlap
Packaging	24 rolls of 5m x 1m = 120 m² per pallet

Characteristics	Testing method	Unit	Result
Length	EN 1848-1	m	5
Width	EN 1848-1	m	1,00
Straightness	EN 1848-1	mm/10m	< 20
Mass per unit area	EN 1849-1	kg/m^2	NPD
Thickness	EN 1849-1	mm	5,2 (±0,2)
Watertightness	EN 1928	kPa	500
External fire exposure	EN 13501-5	Klasse	B_{roof} t1 [1]
Reaction to fire test	EN 13501-1	Klasse	E
Shear resistance of joints	EN 12317-1	N/50mm	700 (± 150)
Tensile force long./trans.	EN 12311-1	N/50mm	1350/1250 (± 250/±250)
Elongation at single-end breaking force	EN 12311-1	%	55/55 (±10/±10)
Resistance to impact	EN 12691	mm	NPD
Resistance to static loading	EN 12730	kg	NPD
Resistance to tearing (nail shank) long./trans.	EN 12310-1	N	350/350 (±100/±100)
Dimensional stability	EN 1107-1	%	≤ |0,1|
Flexibility at low temperatures	EN 1109	°C	-36
Flow resistance at elevated temperature	EN 1110	°C	120
Root resistance	EN 13948	Klasse	wurzelfest
Flexibility at low temperatures after artificial aging	EN 1109		-25
Water vapour transmission	EN 1931	μ	NPD

[1] according to certified system

NPD = No performance determined

The declared data are indices based on the statistical quality control and refer to the date of production. Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method. All specifications are without obligation. The user must assess the suitability of the product for the particular purpose and ensure the user´s access to the current version of the product data sheet.

Subject to alteration without notice.

Storage conditions: The products have to be stored in original packaging, being protected from direct sun light, UV-beams and extreme conditions like heat, frost, moisture, etc. During cold season store the products in a frost-free area (+5°C) for 12 hours before application.

Development, Production and Sales of our products according to ISO 9001.