

TECHNICAL DATA SHEET

swissporBIKUPLAN EV2 KS

Located in the heart of the swiss Alps, our research and development team created swissporBIKUPLAN EV2 KS to be applied as **vapour barrier or underlay** in a multi-layer built-up. Its reinforcement, in fiberglass, has been chosen by our experts to **meet the most demanding expectations: an extreme dimensional stability.**

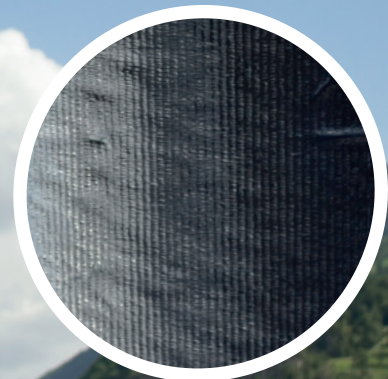
The upper surface is finished with a thermofusible film that allow an **fast, easy and secure** application of the upper layer.

The lower surface is covered with a self-adhesive bitumen (protected by a siliconized film) which makes it **simple, fast and secure to bond without torching.** Be sure to activate the self adhesive overlaps when applied with an ambience temperature under 10°C.

Our choices of materials and our processes make our products **setting the standards of quality and sustainability in the waterproofing industry.**



Upper Surface: Thermofusible Film



Lower Surface: Self adhesive bitumen

swissporBIKUPLAN EV2 KS

Description	SBS modified bituminous membrane	
Surface	Upper	Thermofusible film
	Lower	Siliconized PP film
Reinforcement	Fibreglass	
Application Method	Loosly laid or self-adhesive	
Rolls / pallet (m ² / Pallet)	18 (288)	
Application norm	EN 13707; EN 13969; EN 13970	



Technical Data

Characteristic	Test method	Unit	Value
Length	EN 1848-1	[m]	16.00
Width	EN 1848-1	[m]	1.00
Nominal weight of the product	EN 1849-1	[kg/m ²]	2.40 (MDV ±10%)
Thickness	EN 1849-1	[mm]	2.00 (MDV ±10%)
Visible defects	EN 1850-1		None
Straightness	EN 1848-1	[mm/10m]	≤ 20
Flexibility at low temperature	EN 1109	[°C]	≤ -15
Flow resistance at elevated temperature	EN 1110	[°C]	≥ 100
Maximum tensile force	EN 12311-1	[N/50 mm]	long.: 250 (MDV ±15%) transv.: 200 (MDV ±15%)
Elongation	EN 12311-1	%	long.: 3 (MDV ±15%) transv.: 3 (MDV ±15%)
Dimensional stability	EN 1107-1	%	≤ 0.5
Artificial aging behavior at low temperature flexing	EN 1296	[°C]	NPD
Artificial aging creep resistance at elevated temperature	EN 1296	[°C]	NPD
Reaction to fire	EN 13501-1	-	E
Watertightness	EN 1928 meth. A	-	Passed at 200 kPa/24h (Typ T)
Resistance to static loading	EN 12730	[kg]	NPD
Resistance to impact	EN 12691	[mm]	300
Diffusion equivalent air layer thickness $s=\mu \cdot d$	EN 1931	[m]	100 (MDV -15%)
Resistance to root penetration	EN 13948	-	NPD
Adhesion of granules	EN 12039	%	NPD
Shear strength of the joint seam	EN 12317-1	[N/50 mm]	NPD

*NPD= No Performance Determinated

Safety: Material Safety Data Sheets are available upon request at the under mentioned mail address of the Team Export.

Storage: The material has to be stored in a dry covered place, vertically on pallets or on flat surfaces, less than 12 months (6 months in case of self-adhesive membranes). Protect the membrane from extremely low temperatures and condition the material at temperature above +5 °C at least 24 hours before installation. During storage avoid exposure to direct sunlight.

Application: For a correct use of the products, refer to the specific technical documents issued by swisspor Romandie SA. The customer stays responsible for ensuring that each product is suitable for its intended use and that the conditions of use are the correct ones. If any law, norm or regulation are in force in the Country of application and differs from what declared by the manufacturer, these must be considered as compulsory by the applicator and it is his own responsibility to follow it.

Disclaimer: swisspor Romandie SA pursues a policy of constant product development and information contained in this document that is therefore subject to change without notice.

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