

TECHNICAL DATA SHEET

swissporBIKUPLAN KS ALU 2

Located in the heart of the swiss Alps, our research and development team created swissporBIKUPLAN KS ALU 2 to be applied as a **vapour barrier**. Its reinforcement, in glass net, bring **dimensional stability**. The aluminium foil ensures **absolute vapour resistance**.

The upper face and the lower face of the membrane are finished with high quality polypropylene films allowing a **very fast torching**. Adpated to the rough climate of the mountains, this membrane can be applied without breaking even at **low temperature**. It shall be applied either **loosly laid or fully torched**.

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: Thermofusible film

swissporBIKUPLAN KS ALU 2

Description	SBS modified bituminous vapour control layer	
Surface	Upper	Thermofusible film
	Lower	Thermofusible film
Reinforcement	Glass mat + PET Alu	
Application Method	Torched or loosly laid	
Rolls / pallet (m ² / Pallet)	20 (216)	
Application norm	EN 13970	



Technical Data

Characteristic	Test method	Unit	Value
Length	EN 1848-1	[m]	10.00
Width	EN 1848-1	[m]	1.08
Nominal weight of the product	EN 1849-1	[kg/m ²]	3.75 (MDV ±10%)
Thickness	EN 1849-1	[mm]	3.00 (MDV ±10%)
Visible defects	EN 1850-1		None
Straightness	EN 1848-1	[mm/10m]	≤ 20
Flexibility at low temperature	EN 1109	[°C]	≤ -20
Flow resistance at elevated temperature	EN 1110	[°C]	≥ 100
Maximum tensile force	EN 12311-1	[N/50 mm]	long.: 1000 (MDV ±15%) transv.: 1000 (MDV ±15%)
Elongation	EN 12311-1	%	long.: 3 (MDV ±15%) transv.: 3 (MDV ±15%)
Dimensional stability	EN 1107-1	%	≤ 0.5
Flexibility at low temperature after artificial aging	EN 1296	[°C]	NPD
Flow resistance at elevated temperature after artificial aging	EN 1296	[°C]	NPD
Reaction to fire	EN 13501-1	-	E
Watertightness	EN 1928 meth. B	-	Passed at 200 kPa/24h (Typ T)
Resistance to static loading	EN 12730	[kg]	15
Resistance to impact	EN 12691	[mm]	700
Diffusion equivalent air layer thickness s=μ•d	EN 1931	[m]	2200 (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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