swisspor
saving energy

swisspor
swiss quality membranes

swissporBIKUPLAN V 2.5

Located in the heart of the swiss Alps, our research and development team created swissporBIKUPLAN V 2.5 to be applied as **vapour barrier or underlay** in a multilayer built-up. Its reinforcement, made of fibreglass fleece, grants **its dimensional stability.**

Its upper face, a polypropylene fleece, allows the roofer to **easily walk on the membrane** when exposed to hot temperatures (summer). This finish renders the membrane **compatible with different types of glues** when used as a vapour barrier.

The lower face is finished with a high quality polypropylene film that is easily torchable **allowing a very fast application of this membrane.** It shall be applied 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: PP Fleece

Lower Surface: Thermofusible film

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Description		SBS modified bituminous membrane
Surface	Upper	PP-Fleece
	Lower	Thermofusible film
Reinforcement		Fibreglass
Application Method		Loosly laid or torched
Rolls/pallet (m^2 / Pallet)		22 (330)
Application norm		EN 13707; EN 13969; EN 13970

Technical Data

Characteristic	Test method	Unit	Value
Length	EN 1848-1	[m]	15.00
Width	EN 1848-1	[m]	1.00
Nominal weight of the product	EN 1849-1	[kg/m²]	2.50[1]
Thickness	EN 1849-1	[mm]	1.80[1]
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.: 300[2] transv.: 200[2]
Elongation	EN 12311-1	%	long.: 3[2] transv.: 3[2]
Dimensional stability	EN 1107-1	%	≤ 0.5
Artificial aging behavior at low temperature flexing	EN 1296	[°C]	≤ -15[4]
Artificial aging creep resistance at elevated temperature	EN 1296	[°C]	≥ 100[5]
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]	NPD
Resistance to impact	EN 12691	[mm]	NPD
Diffusion equivalent air layer thickness s=µ•d	EN 1931	[m]	100[3]
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

[1] Tolerance ± 10%

[2] Tolerance ± 15%

[3] Tolerance - 15%

[4] Tolerance + 10°C

[5] Tolerance -10°C

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 aplication 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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