

## TECHNICAL DATA SHEET

# swissporBIKUPLAN LL VARIO Stria 2.6

Located in the heart of the swiss Alps, our research and development team created swissporBIKUTOP LL VARIO Stria 2.6 to be applied as a **vapour barrier or underlay** in a multi-layer built-up. Its reinforcement, in polyester, has been chosen by our experts to meet the most demanding expectations.

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 surface is covered by self adhesive bitumen for a **FLAME-FREE** application. Its special sealing area protects the insulation from overheating.

This built-in STRIA vapour dispersion system **prevents the formation of blisters**. The STRIA system **“two in one” saves hours of labour and material**.

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: Stria System

# swissporBIKUPLAN LL VARIO Stria 2.6

Description	SBS modified bituminous membrane
Surface	Upper Fleece, film
	Lower Self-adhesive stripes with silicon film
Reinforcement	Polyester
Application Method	Self-adhesive
Rolls / pallet (m <sup>2</sup> / Pallet)	24 (264)
Application norm	EN 13707; EN 13969; EN 13970

Born in the  Alps



## Technical Data

Specifications	Test method	Unit	Requirement
Length	EN 1848-1	[m]	10.00
Width	EN 1848-1	[m]	1.10
Nominal weight of the product	EN 1849-1	[kg/m <sup>2</sup> ]	2.80 (MDV ±10%)
Thickness	EN 1849-1	[mm]	2.60 (MDV ±10%)
Visible defects	EN 1850-1		None
Straightness	EN 1848-1	[mm/10m]	≤ 20
Flexibility at low temperature	EN 1109	[°C]	≤ -25
Flow resistance at elevated temperature	EN 1110	[°C]	≥ 100
Maximum tensile force	EN 12311-1	[N/50 mm]	long.: 700 (MDV ±15%) transv.: 700 (MDV ±15%)
Elongation	EN 12311-1	%	long.: 22 (MDV ±15%) transv.: 22 (MDV ±15%)
Dimensional stability	EN 1107-1	%	≤ 0.4
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. B	-	Passed at 200 kPa/24h ( Typ T )
Resistance to static loading	EN 12730	[kg]	NPD
Resistance to impact	EN 12691	[mm]	600
Diffusion equivalent air layer thickness s=μ•d	EN 1931	[m]	180 (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 and it is advisable not to exceed 12 months of storage and rolls must be stored vertically on pallets or on flat surfaces. Protect the membrane from extremely low temperatures and warm up the material before installation at least 24 hours at minimum of +5 °C. 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 anyway the customer is responsible for ensuring that each product is suitable for its intended purpose and that the condition of use are suitable. If any law, norm or regulation different from what declared by the manufacturer is in force in the Country where the product must be installed, this must be considered as compulsory by the applicator and it is his own responsibility to follow the suitable legislative references.

**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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