

Product Data Sheet

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Sikaplan® 60 Feltback

Composition:	Sikaplan® 60 Feltback is a white, 60 mil. nominal, PVC membrane. Sikaplan 60 is manufactured with a polyester scrim reinforcement and a recycled felt backing.
Features:	Sikaplan 60 Feltback meets the cool roofing requirements of California's Title 24, USGBC's LEED® program and Green Globes. The membrane meets initial Energy Star® Reflectivity Requirements with an initial solar reflectance of 0.81 an initial solar emittance of 0.85 and a SRI of 101. Three year, aged membrane reflectivity testing results are pending. The feltbacking provides separation from incompatible substrates and provides a built-in cushion layer.
Packaging:	Sikaplan 60 Feltback comes in 10 feet x 100 feet rolls weighing approx. 415 lbs. Sikaplan 60 Feltback membrane is wrapped in a clear protective film and strapped 6 rolls to a wooden pallet.
Installation:	Sikaplan 60 Feltback is installed by a Sika Sarnafil Authorized Applicator. Sikaplan 60 Feltback shall be installed to an acceptable substrate with fasteners and plates in the seam overlap in the "Sikaplan Mechanically-Attached System". All seams will be hot-air welded for watertight protection.
Availability:	Sikaplan 60 Feltback is available directly from a Sika Sarnafil Authorized Applicator or by contacting your Sika Sarnafil regional office. For office locations please contact Sika Sarnafil.
Warranty:	Upon successful completion of the installed roof by the Sika Sarnafil Authorized Applicator, Sika Sarnafil will provide a warranty to the building owner via the applicator.
Maintenance:	Sikaplan 60 Feltback requires no maintenance. As a prudent preventative measure, Sika Sarnafil recommends that the building owner or owner's representative inspect the installed roof system for damage, plugged drains, weathered sealants, etc. at least twice a year and after each storm.

The Sika logo consists of the word "Sika" in a bold, yellow, sans-serif font, with a registered trademark symbol (®) to its upper right. The text is set against a red triangular background that points downwards.The Sarnafil logo features the word "Sarnafil" in a bold, blue, sans-serif font, with a registered trademark symbol (®) to its upper right.

Technical:

Sika Sarnafil's Technical Representatives are available to advise applicators as to the correct installation methods of Sikaplan 60 Feltback.

Technical Data (as manufactured):

Parameters	ASTM Test Method	ASTM D-4434 Spec. Requirement	Typical Physical Properties W/O Felt
Reinforcing Material	--	--	Polyester
Overall Thickness	D751	0.045 (1.14)	0.060 (nominal)
Thickness Over Scrim	D751		0.026 (avg.)
Breaking Strength, min., lbf/in. (KN/m)	D751	200 (35.0)	303 (53.1)
Elongation at Break, min.	D751		
Machine Direction		15%	20%
Cross Direction		15%	20%
Seam Strength, min., (% of breaking strength)	D751	75	85
Retention of Properties After Heat Aging	D3045	--	--
Tensile Strength, min., (% of original)	D751	90	95
Elongation, min., (% of original)	D751	90	90
Tearing Strength, min., lbf (N)	D1004	45.0 (200)	45 (200)
Low Temperature Bend, -40 °F (-40 °C)	D2136	Pass	Pass
Accelerated Weathering Test (Florescent Light, UV exposure)	G154	5,000 Hours	10,000 Hours
Cracking (7x magnification)	--	None	None
Discoloration (by observation)	--	Negligible	Negligible
Crazing (7x magnification)	--	None	None
Linear Dimensional Change	D1204	0.5% max.	0.24%
Weight Change After Immersion in Water	D570	± 3.0% max.	2.5%
Static Puncture Resistance, 33 lbf (15 kg)	D5602	Pass	Pass
Dynamic Puncture Resistance, 14.7 ft-lbf (20 J)	D5635	Pass	Pass
Initial Solar Reflectance	E903	--	0.81
Emissivity	E408, C1371, Other	--	0.85
Solar Reflective Index (SRI)	E1980	--	101

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Disclaimer: The information, and, in particular, the recommendation relating to the application and end-use of Sika Sarnafil products, are given in good faith based on Sika Sarnafil's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika Sarnafil recommendations. In practice, the differences in materials, substrates and actual site conditions are such that **no warranty in respect of merchantability of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, may be inferred from this information.** The user of the product must determine the product's suitability for the intended application and purpose. Sika Sarnafil reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.