

PRODUCT DATA SHEET

Sikaplan® WP 1130-15 C

WATERPROOFING MEMBRANE

DESCRIPTION

Sikaplan® WP 1130-15 C is a 60 mil (1.5 mm) thick sheet waterproofing membrane, based on polyvinylchloride with an integral fiberglass mat carrier sheet for dimensional stability. It is suitable for use in waterproofing of vertical and horizontal foundation applications and other below grade structures. The membrane contains a yellow signal layer with dark gray underside so that damages to the surface can be seen easier.

USES

Sikaplan® WP 1130-15 C is used for vertical and horizontal foundation applications, and other below grade structures requiring a waterproofing sheet membrane.

CHARACTERISTICS / ADVANTAGES

Sikaplan® WP 1130-15 C waterproofing membrane features:

- High Tensile Strength and Elongation
- Excellent Dimensional Stability
- Specially Compounded for Sub-Grade Environments
- Heat Welded Seams
- Resistance to Varying Levels of Hydrostatic Pressure
- Compatible with Sika Greenstreak Waterstops

PRODUCT INFORMATION

Composition	Carrier Sheet Material = Fiberglass	
Packaging	Sikaplan® WP 1130-15 C rolls are 6.56 ft. (2 m) wide wrapped in a protective film and strapped to a wood pallet. Individual rolls weigh between 134–168 lbs (61–71 kg) depending on the membrane thickness.	
Shelf life	N/A	
Storage conditions	Sikaplan® WP 1130-15 C membrane rolls should be stored in unopened, undamaged, original packaging, in a horizontal position, in dry conditions and at temperatures between 40 °F (5 °C) and 85 °F (30 °C). Sikaplan® rolls should be protected from direct sunlight, rain, snow and ice, etc. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage.	
Effective Thickness	Overall Thickness, min. 0.059 in (1.5 mm)	(ASTM D-638)
	Linear Dimensional Change 0.002%	(ASTM D-1204)

TECHNICAL INFORMATION

Tensile Strength	1600 (11.1)		(ASTM D-638), min., psi (MPa)
	Seam Strength ⁽¹⁾ , min., (% of tensile strength)		
	90		(ASTM D-638)
	Low Temperature Bend (-40°F)		
	Pass		(ASTM E-154)
Elongation at Break	240 %		(ASTM D-638), min.
Resistance to Static Puncture	56 lbf (250 N)	Pass	(ASTM D-5602)
Resistance to Impact	117.7 ft-pdl (5 J)	Pass	(ASTM D-5635)
Permeability to Liquid Water	Weight Change 2.0%		(ASTM D-570)
Resistance to Tear	21.3 (94.7)		(ASTM D-1004), min., lbf (N)
Dimensional Change after Heat	Tensile Strength, min., (% of original)	95	(ASTM D-3045)
	Elongation, min., (% of ori- ginal)	95	
Chemical Resistance	Contact a Sika Greenstreak engineering department at 800-325-9504 for technical assistance with chemical resistance.		

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Sikaplan® WP 1130-15 C sheet membrane waterproofing must be installed by an authorized Sika Waterproofing Applicator. The membrane is used as the primary waterproofing sheet with Sika Greenstreak Waterproofing Systems. Consult with the Sikaplan® Method Statement which can be found at usa.sika.com or contact a Sika Greenstreak engineer at 800-325-9504 for further information.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

FAX: +202 44810459
egy.sika.com

DIRECTIVE 2004/42/CE LIMITATION OF EMISSIONS OF VOC

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LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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