

## PRODUCT DATA SHEET

# Sikaplan® WP 1130-20 C

## Waterproofing Membrane

### PRODUCT DESCRIPTION

Sikaplan® WP 1130-20 C is a 80 mil (2.0 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 1130-20 C is used for vertical and horizontal foundation applications, and other below grade structures requiring a waterproofing sheet membrane.

### CHARACTERISTICS / ADVANTAGES

Sikaplan® WP 1130-20 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

<b>Packaging</b>	Sikaplan® WP 1130-20 C rolls are 6.56 ft. (2 m) wide x 49.2 ft. (15 m) long wrapped in a protective film and strapped to a wood pallet. Individual rolls weigh 171 lbs.
<b>Shelf Life</b>	n/a
<b>Storage Conditions</b>	Sikaplan® WP 1130-20 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.
<b>Volatile organic compound (VOC) content</b>	0 g/L

Overall Thickness	0.079 in. (2.0 mm)	(ASTM D-638)
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## TECHNICAL INFORMATION

Tensile Strength	1600 (11.1)	(ASTM D-638), min., psi (MPa)
Elongation at Break	240 %	(ASTM D-638), min.
Resistance to Static Puncture	Pass	(ASTM D-5602), 56 lbf (250 N)
Low Temperature Bend	Pass	(ASTM D-2136)
Resistance to Tearing (nail shank)	20 (88)	(ASTM D-1004), min., lbf (N)
Linear Dimensional Change	0.01%	(ASTM D-1204)
Weight Change after Immersion in Water	2.1%	(ASTM D-570)
Chemical Resistance	Contact Sika® Greenstreak® engineering department at 800-325-9504 for technical assistance with chemical resistance.	
Resistance to Dynamic Puncture	Pass	(ASTM D-5635) 117.7 FT-PDL (5 J)
Seam Strength	90	(ASTM D-638) (% of tensile strength)
	In the Seam Strength testing the observed failure occurs through a rupture of the membrane rather than a seam failure.	
Thermal Ageing	95	(ASTM D-3045) Elongation, min. (% of original)
	95	(ASTM D-3045) Tensile Strength, min. (% of original)

## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

Sikaplan® WP 1130-20 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](http://usa.sika.com) or contact a Sika Greenstreak engineer at 800-325-9504 for further information.

### AVAILABILITY/WARRANTY

Carrier Sheet Material = Fiberglass

### BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

### OTHER RESTRICTIONS

See Legal Disclaimer.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

### LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the

obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs.

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**Product Data Sheet**

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