

## PRODUCT DATA SHEET

# Sikaplan® WP 1130-15 C

### Waterproofing Membrane

#### PRODUCT 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

<b>Chemical Base</b>	Carrier Sheet Material = Fiberglass
<b>Packaging</b>	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.
<b>Shelf Life</b>	N/A
<b>Storage Conditions</b>	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.
<b>Effective Thickness</b>	Overall Thickness, min.

0.059 in (1.5 mm)	(ASTM D-638)
Linear Dimensional Change	
0.002%	(ASTM D-1204)

## TECHNICAL INFORMATION

<b>Tensile Strength</b>	1600 (11.1)	(ASTM D-638), min., psi (MPa)
	Seam Strength <sup>[1]</sup> , min., (% of tensile strength)	
	90	(ASTM D-638)
	Low Temperature Bend (-40°F)	
	Pass	(ASTM E-154)
<b>Elongation at Break</b>	240 %	(ASTM D-638), min.
<b>Resistance to Static Puncture</b>	56 lbf (250 N)	Pass (ASTM D-5602)
<b>Impact Strength</b>	117.7 ft-pdl (5 J)	Pass (ASTM D-5635)
<b>Permeability to Liquid Water</b>	Weight Change 2.0%	(ASTM D-570)
<b>Resistance to Tearing (nail shank)</b>	21.3 (94.7)	(ASTM D-1004), min., lbf (N)
<b>Dimensional Change after Heat</b>	Tensile Strength, min., (% of original)	95 (ASTM D-3045)
	Elongation, min., (% of original)	95
<b>Chemical Resistance</b>	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](http://usa.sika.com) or contact a Sika Greenstreak engineer at 800-325-9504 for further information.

### 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.

### DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

0 g/L

## 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.

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