

## PRODUCT DATA SHEET

# Sikaplan® WP Protection Sheet-15 HE

1.6 mm thick embossed PVC protection sheet membrane

### PRODUCT DESCRIPTION

Sikaplan® WP Protection Sheet-15 HE is a flexible, 1.6 mm thick, homogeneous, embossed, protective sheet membrane. It is based on polyvinylchloride (PVC-p).

### USES

Sikaplan® WP Protection Sheet-15 HE is used for:

- Protection of Sikaplan® WP (PVC) membranes in basements
- Protection of Sikaplan® WP (PVC) membranes in tunnels

### CHARACTERISTICS / ADVANTAGES

- Embossed surface to allow proper spreading of repair injection material
- Good resistance to static puncture and impact
- Contains no recycled materials and no DEHP (DOP) plasticisers
- Good dimensional stability under permanent pressure and heat
- Flexible in cold temperatures
- Suitable for contact with acidic (soft) water and alkaline environments
- Optimised workability and thermally weldable
- Conditionally UV stable

### ENVIRONMENTAL INFORMATION

- Contributes towards satisfying Materials and Resources (MR) Credit: Building Product Disclosure and Optimization — Sourcing of Raw Materials under LEED® v4

### PRODUCT INFORMATION

<b>Chemical Base</b>	PVC-p	
<b>Packaging</b>	Roll width	2 m
	Roll length	specified
	Refer to the current price list for available packaging variations.	
<b>Shelf Life</b>	5 years from date of production	
<b>Storage Conditions</b>	The Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between +5 °C and +35 °C. Protect the Product from direct weather exposure. Store in a horizontal position. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage. Always refer to the	

	packaging.	
<b>Appearance / Color</b>	Top layer surface texture	0.4 mm embossing
	Reverse surface texture	smooth
	Colour	shades of grey
<b>Thickness</b>	1.55 mm (-0.08 mm / +0.16 mm) including embossing	
<b>Mass per Unit Area</b>	~ 2.0 kg/m <sup>2</sup>	(EN 1849-2)

## TECHNICAL INFORMATION

<b>Impact Strength</b>	Method A, 500 g falling weight	Watertight at 500 mm drop height	(EN 12691)
<b>Resistance to Static Puncture</b>	≥ 1.0 kN		(EN ISO 12236)
<b>Resistance to Root Penetration</b>	Pass		(CEN/TS 14416)
<b>Tensile Strength</b>	Longitudinal (MD)	≥ 10 N/mm <sup>2</sup>	(EN ISO 527-3)
	Transversal (CMD)	≥ 10 N/mm <sup>2</sup>	
<b>Elongation at Break</b>	Longitudinal (MD)	≥ 200 %	(EN ISO 527-3)
	Transversal (CMD)	≥ 200 %	
<b>Service Temperature</b>	Maximum	+35 °C	
	Minimum	-10 °C	
<b>UV Exposure</b>	Not permanently UV stable		
<b>Resistance to Weathering</b>	Not resistant to permanent weathering		
<b>Reaction to Fire</b>	Class E		(EN 13501-1)

## SYSTEM INFORMATION

<b>System Structure</b>	The Product is used in conjunction with Sikaplan® WP waterproofing membranes.
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## 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.

as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

## ENVIRONMENTAL, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern)

# APPLICATION INSTRUCTIONS

## APPLICATION

### IMPORTANT

#### **Strictly follow installation procedures**

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

### IMPORTANT

#### **Application by trained personnel**

The application of this Product must only be carried out by an applicator that is trained or approved by Sika. The applicator must also be experienced in this type of application.

### IMPORTANT

#### **Ventilation in confined spaces**

Always ensure good ventilation when applying the Product in a confined space.

### IMPORTANT

#### **Not resistant to bitumen**

The Product is not resistant to permanent contact with bitumen.

1. For use over or adjacent to bitumen, apply a separation layer of polypropylene geotextile ( $\geq 150 \text{ g/m}^2$ ).

For information on application, refer to the following Sika® method documents:

- Sika Method Statement 850 72 01 Sikaplan® WP sheet membrane (PVC) system for waterproofing basements
- Sika Method Statement 850 72 03 Sikaplan® WP sheet membrane (PVC) system for waterproofing tunnels

## OTHER RESTRICTIONS

See Legal Disclaimer.

## 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**  
Sikaplan® WP Protection Sheet-15 HE  
July 2024, Version 02.01  
020720102000000001

