

## PRODUCT DATA SHEET

# Sikaplan® WP Protection Sheet-15 HE

Protection sheet for waterproofing membranes

### DESCRIPTION

Sikaplan® WP Protection Sheet-15 HE is a homogeneous protective membrane with an embossed surface, based on polyvinylchloride (PVC-p).

### USES

Protection of waterproofing membranes on base of PVC-p, also in combination with injection backup systems.

### CHARACTERISTICS / ADVANTAGES

- Embossed surface to allow proper spreading of repair injection material
- High resistance to mechanical influences
- Without DEHP (DOP) plasticisers
- High dimensional stability under permanent pressure and heat
- Flexible at cold temperatures
- Suitable for contact with acidic soft water and alkaline environments
- Resistant to root penetration and micro-organisms
- Optimized workability, thermally weldable
- Can be installed on damp and even wet substrates
- Temporary UV stability for installation

### APPROVALS / CERTIFICATES

Quality Management System EN ISO 9001/ ISO 14001

### PRODUCT INFORMATION

<b>Packaging</b>	Roll size	2.20 m (width) x roll length individual and as specified
<b>Shelf life</b>	5 years shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging	
<b>Storage conditions</b>	Rolls must be stored in their original packaging, in a horizontal position and in cool and dry conditions. They must be protected from direct sunlight, rain, snow and ice, etc. Do not stack pallets of rolls during transport or storage.	

## Appearance and colour

	Surface	top: 0.4 mm embossing reverse: smooth
	Colour	shades of grey
<b>Effective thickness</b>	1.6 (-5 % / +10 %) mm incl. embossing	(EN 1849-2)
<b>Mass per area</b>	~2.0 kg/m <sup>2</sup>	

## SYSTEM INFORMATION

<b>System structure</b>	Ancillary Products: <ul style="list-style-type: none"><li>All Sikaplan® WP (PVC based) membranes</li></ul>
-------------------------	--

## TECHNICAL INFORMATION

<b>Resistance to impact</b>	Watertight at 500 mm drop height (500 g falling weight, Method A)	(EN 12691)
<b>Resistance to static puncture</b>	≥ 1.0 kN	(EN ISO 12236)
<b>Resistance to root penetration</b>	Pass	(EN 14416)
<b>Tensile strength</b>	≥ 10 N/mm <sup>2</sup> (machine/ cross direction)	(ISO 527)
<b>Elongation</b>	≥ 200 % (machine/ cross direction)	(ISO 527)
<b>Service temperature</b>	- 10 °C min./+ 35 °C max.	
<b>Ambient maximum temperature of liquids</b>	+ 35 °C	
<b>Reaction to fire</b>	Class E	(EN 13501-1)(EN ISO 11925-2)

## APPLICATION INFORMATION

<b>Ambient air temperature</b>	+5 °C min.
--------------------------------	------------

## 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.

## IMPORTANT CONSIDERATIONS

- Installation works must only be carried out by Sika® trained contractors.
- The membrane is not UV stabilized and cannot be installed on structures permanently exposed to sunlight and weathering.
- The membrane is not resistant to permanent contact with bitumen, and some types of plastics other than PVC or Sika approved system components.

## ECOLOGY, HEALTH AND SAFETY

### REGULATION (EC) NO 1907/2006 - REACH

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 condi-

tions 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) 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).

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

Substrate conditions are as defined for the waterproofing membrane system which is to be protected with the Sikaplan® WP Protection Sheet-15 HE.

### APPLICATION METHOD / TOOLS

The protective membrane must be fastened by welding to any compatible PVC waterproofing membrane in accordance with the Sika Method Statement for sheet waterproofing membrane installations (available

separately on request). The jointing faces must be dry and free from any contaminations.

## LOCAL RESTRICTIONS

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

## 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.

### **Sika Australia Pty Limited**

ABN 12 001 342 329

aus.sika.com

Tel: 1300 22 33 48

### **Product Data Sheet**

Sikaplan® WP Protection Sheet-15 HE

April 2023, Version 01.02

020720102000000001

SikaplanWPProtectionSheet-15HE-en-AU-(04-2023)-1-2.pdf

