

## PRODUCT DATA SHEET

# Sikaplan® WP Tape-200

Termination, fixing and sealing tape for Sikaplan® WP membrane systems

### DESCRIPTION

Sikaplan® WP Tape-200 is a PVC based waterproof sealing tape with modified properties for terminations and fixings of Sikaplan® WP membranes.

### USES

Sikaplan® WP Tape-200 may only be used by experienced professionals.

- As a waterproofing sealing tape that is heat weldable to PVC based Sikaplan® WP waterproofing membranes
- Connect Sikaplan® WP membranes to the substrate and seal edges and terminations
- Waterproofing tunnel cross-sections requiring high performance, secure terminations of the Sikaplan® WP Membrane System

### CHARACTERISTICS / ADVANTAGES

- Good adhesion to most substrates
- Long-term water resistance under hydrostatic pressure
- Optimised workability, hot air weldable
- Flexible with high tensile strength and multi-axial elongation
- Flexible in cold temperatures
- Prevents lateral water underflow

### APPROVALS / STANDARDS

- Hydrostatic Pressure Resistance Test over 245 days Sikaplan® WP Tape-200, MFPA, Test report No. B 16.14.047.06

### PRODUCT INFORMATION

<b>Chemical base</b>	Polyvinylchloride (PVC-P)	
<b>Packaging</b>	Roll size	
	Thickness	2.0 mm
	Width	200 mm
	Length	20 m
<b>Shelf life</b>	18 months from date of production	
<b>Storage conditions</b>	Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between +5 °C and +35 °C. 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 packaging.	
<b>Appearance / Colour</b>	Surface	Smooth
	Colour	Top surface: White Bottom surface: Black
<b>Thickness</b>	2.0 mm (0 %/+10 %)	(EN 1849-2)

## SYSTEM INFORMATION

<b>System structure</b>	<p>The Sikaplan® WP Tape-200 system consists of a modified PVC tape and a choice of Sikadur® epoxy adhesives for bonding. The following system products must be used:</p> <p><b>Tape</b> Sikaplan® WP Tape-200 (width: 200 mm)</p> <p><b>Adhesives</b> Suitable adhesives are:</p> <ul style="list-style-type: none"><li>▪ Sikadur®-31 CF Slow</li><li>▪ Sikadur®-31 CF Normal</li><li>▪ Sikadur®-31 CF Rapid</li><li>▪ Sikadur Combiflex® CF Adhesive Normal</li><li>▪ Sikadur Combiflex® CF Adhesive Rapid</li><li>▪ Sikadur Combiflex® Adhesive IN</li></ul> <p><b>Ancillary Products:</b></p> <ul style="list-style-type: none"><li>▪ Sikaplan® WP Membrane Systems</li><li>▪ Sarna Seam Cleaner</li></ul>
<b>Compatibility</b>	Compatible with Sikaplan® WP 1100 / 1120 / 2101 / 2110 Series of membranes

## TECHNICAL INFORMATION

<b>Tensile strength</b>	> 14 N/mm <sup>2</sup>	(EN ISO 527)
<b>Modulus of elasticity in tension</b>	≤ 20 N/mm <sup>2</sup>	(EN ISO 527)
<b>Elongation</b>	≥ 300 % (machine / cross direction)	(EN ISO 527)
<b>Tear strength</b>	≥ 42 kN/m (V = 50mm/min)	(ISO 34 Method B)
<b>Service temperature</b>	-10 °C min. / +35 °C max.	
<b>Reaction to fire</b>	Class E	(EN ISO 11925-2 / EN 13501-1)

## APPLICATION INFORMATION

<b>Ambient air temperature</b>	+5 °C min. / +55 °C max.
<b>Substrate temperature</b>	Refer to Sikadur® epoxy adhesive temperatures

## 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.

## FURTHER DOCUMENTS

- Sika® Method Statement: Waterproofing of Cross Passages with Sikaplan® WP Tape-200

## IMPORTANT CONSIDERATIONS

Installation work must only be carried out by Sika® trained and/or approved contractors, experienced in this type of application.

- Reference must be made to the Sika® Method Statement: Waterproofing of Cross Passages with Sikaplan® WP Tape-200.
- Cleaning of Sikaplan® WP Tape-200 (black surface) must be with clean cloths soaked with Sarna Seam Cleaner.
- Only use Sikadur® epoxy adhesives.
- Masking tapes and any other adhesive tapes must not be used on the black side of Sikaplan® WP Tape-200.
- For installation below +5 °C ambient temperature, special measures are required in accordance with relevant national regulations and Sika guidelines.

## 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 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 this 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

Refer to the relevant section in the Sika® Method Statement: Waterproofing of Cross Passages with Sika-plan® WP Tape-200.

### LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## 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.

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**Product Data Sheet**  
Sikaplan® WP Tape-200  
April 2023, Version 01.01  
02070315010000011

SikaplanWPTape-200-en-IN-(04-2023)-1-1.pdf