

## PRODUCT DATA SHEET

# Sikaplan® WP Tape-200

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

### PRODUCT 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	2.0mm
	Width	200mm
	Length	20m
<b>Appearance / Color</b>	Surface	Smooth
	Colour	Top surface: White Bottom surface: Black
<b>Thickness</b>	2.0mm (0%/+10%)	
<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 (40°F) and +35°C (95°F). 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.

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## TECHNICAL INFORMATION

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<b>Tensile Strength</b>	> 14 N/mm <sup>2</sup> (2003 psi)	(EN ISO 527)
<b>Tensile Modulus of Elasticity</b>	≤ 20 N/mm <sup>2</sup> (2900 psi)	(EN ISO 527)
<b>Elongation</b>	≥ 300 % (machine / cross direction)	(EN ISO 527)
<b>Tear Strength</b>	≥ 42 kN/m (240 lb/in) (V = 50mm/min)	(ISO 34 Method B)
<b>Reaction to Fire</b>	Class E	(EN ISO 11925-2 / EN 13501-1)
<b>Service Temperature</b>	-10 °C (14°F) min. / +35 °C (95°F) max.	

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## SYSTEM INFORMATION

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<b>System Structure</b>	The Sikaplan® WP Tape-200 system consists of a modified PVC tape and a choice of Sika epoxy adhesives for bonding. The following system products must be used: <b>Tape</b> Sikaplan® WP Tape-200 (width: 200 mm) <b>Adhesives</b> Suitable adhesives are: <ul style="list-style-type: none"><li>▪ Epoxy 7300</li><li>▪ Sikadur®-31 HiMod</li></ul> <b>Ancillary Products:</b> <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 / 1130 / 2101 / 2110 Series of membranes

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## APPLICATION INFORMATION

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<b>Ambient Air Temperature</b>	+5 °C (40°F) min. / +55 °C (131°F) max.
<b>Substrate Temperature</b>	Refer to Epoxy 7300 or Sikadur® epoxy adhesive temperatures

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## APPLICATION INSTRUCTIONS

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

## AVAILABILITY/WARRANTY

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

## LIMITATIONS

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 Sika 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 (40°F) ambient temperature, special measures are required in

accordance with relevant national regulations and Sika guidelines.

## 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

### 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 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).

## 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. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

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### Product Data Sheet

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