



## PRODUCT DATA SHEET

# Sikaplan® WT Tape-200

Termination, fixing and sealing tape for Sikaplan® WT Membrane systems

### PRODUCT DESCRIPTION

Sikaplan® WT Tape-200 is a modified polyolefin (FPO) waterproofing sealing tape for terminations and fixings of Sikaplan® WT membranes.

### WHERE TO USE

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

Sikaplan® WT Tape-200 is used as a waterproofing sealing tape that is heat-weldable to FPO based Sikaplan® WT waterproofing membranes.

Sikaplan® WT Tape-200 is used for:

- Connecting Sikaplan® WT membranes to the substrate and sealing edges and terminations
- Waterproofing tunnel cross-sections that require high performance, secure termination of the Sikaplan® WT Membrane System

### CHARACTERISTICS / ADVANTAGES

- Good adhesion to various substrates
- Long-term water resistance under hydrostatic pressure
- Optimised workability
- Hot-air weldable
- Flexible in cold temperatures
- No lateral water underflow between the concrete structure and the tape

### TECHNICAL INFORMATION

<b>Tensile Strength</b>	<u>Longitudinal (MD)</u>	$\geq 20 \text{ N/mm}^2$	(EN ISO 527-3)
	<u>Transversal (CMD)</u>	$\geq 20 \text{ N/mm}^2$	
<b>Resistance to Tear</b>	<u>Longitudinal (MD)</u>	$> 65 \text{ N}$	(EN 12310-1)
	<u>Transversal (CMD)</u>	$> 65 \text{ N}$	
<b>Reaction to Fire</b>	Class E		(EN 13501-1)
<b>Service Temperature</b>	<b>Condition</b>	<b>Minimum</b>	<b>Maximum</b>
	Wet	-30 °C	+40 °C
	Dry	-30 °C	+60 °C

Elongation at maximum tensile force	Longitudinal (MD)	> 700 %	(EN ISO 527-3)
	Transversal (CMD)	> 700 %	

## PRODUCT INFORMATION

<b>Composition / Manufacturing</b>	Modified Polyolefin (FPO)	
<b>Packaging</b>	Roll length	20 m
	Roll width	200 mm
	Thickness	2 mm
Refer to the current price list for available packaging variations.		
<b>Shelf Life</b>	24 months 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. 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 / Colour</b>	Surface texture	smooth
	Top layer colour	Grey (indicator layer)
	Bottom layer colour	Black

## APPLICATION INFORMATION

Consumption	Adhesive	Consumption
	Sikadur-Combiflex® CF Adhesive Normal	1.2 kg/m
	Sikadur-Combiflex® CF Adhesive Rapid	
Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.		

## SYSTEMS

<b>System Structure</b>	The Sikaplan® WT Tape-200 system consists of a modified Polyolefin (FPO) tape and a Sikadur® epoxy adhesive for bonding. The following system products must be used:	
	Tape	Sikaplan® WT Tape-200
	Adhesive	Sikadur-Combiflex® CF Adhesive Normal Sikadur-Combiflex® CF Adhesive Rapid
Ancillary products	Sikaplan® WT 1200 membrane systems Sikaplan® WT 2200 membrane systems Sikaplan® WT 2800 membrane systems SikaProof®-110 membrane systems SikaProof®-200 membrane systems SikaProof®-810 membrane systems	

## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

## FURTHER INFORMATION

- For further information refer to the following document: Sika Method Statement 85002070701 Sikaplan® WP Tape-200 / Sikaplan® WT Tape-200 Waterproofing of Cross Passage



## ENVIRONMENT, HEALTH & SAFETY

This product is a manufactured article that does not require Safety Data Sheets to be marketed, transported or applied at the jobsite, according to the Hazardous Product Act - Section 2. Based on our current knowledge, this product is not classified as dangerous and does not contain any hazardous materials. Always wear personal protective equipment (including safety goggles and gloves) to manipulate and install Sika® products.

## 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

##### **Water ingress caused by lack of Product adhesion**

Adhesive residue contamination left on the black surface of the tape can affect adhesion to the concrete substrate and allow water ingress.

1. Do not apply adhesive tapes to the black side of the waterproofing tape.

##### **Application below +5 °C**

Note: Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

Reference must be made to the following document: Sika Method Statement 85002070701 Sikaplan® WP Tape-200 / Sikaplan® WT Tape-200 Waterproofing of Cross Passage

## 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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#### **Other locations**

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

SikaplanWTTape-200-en-CA-(11-2024)-3-1.pdf

#### **Product Data Sheet**

Sikaplan® WT Tape-200  
November 2024, Version 03.01  
02070315020000013

