



## PRODUCT DATA SHEET

# Sikaplan®-950 Geotextile CA

Geotextile for protection/separation - 950 g/m<sup>2</sup>

### PRODUCT DESCRIPTION

Sikaplan®-950 Geotextile CA is a 950 g/m<sup>2</sup> polypropylene, non-woven geotextile. It is used as a protection or separation layer beneath underground or tunnel waterproofing sheet membranes

### WHERE TO USE

The Product is used as a:

- Separation layer under waterproofing sheet membranes
- Protection layer under waterproofing sheet membranes

### CHARACTERISTICS / ADVANTAGES

- High protection and resistance
- Made of virgin material
- Part of the complete waterproofing membrane system
- Highly resistant to ageing
- Resistant to all natural aggressive substances in groundwater and soil
- Suitable for contact with acidic (soft) water
- Can be installed on damp and wet substrates
- Flexible in cold temperatures

### PRODUCT INFORMATION

<b>Packaging</b>	Roll length	40 m
	Roll Width	2 m
<b>Shelf Life</b>	5 years from date of production	
<b>Storage Conditions</b>	Product must be stored in original 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>Colour</b>	Colour	black
	Surface texture	structured
<b>Thickness</b>	6.6 mm ± 0.6 mm	ASTM D 5199
<b>Mass per unit area</b>	950 g/m <sup>2</sup> ± 100 g/m <sup>2</sup>	ASTM D 5261

### TECHNICAL INFORMATION

<b>Resistance to Static Puncture</b>	CBR Puncture	8.9 kN	ASTM D 6241
<b>Tensile Strength</b>	Grab tensile strength	2.45 kN	ASTM D 4632
<b>Elongation</b>	Grab elongation	50% ± 15%	ASTM D 4632
<b>Tear Strength</b>	Trapezoid Tear	1.1 kN	ASTM D 4533
<b>Water Permeability</b>	Flow rate	18 L/ (m2•s) ± 6 L/ (m2•s)	ASTM D 4491
<b>Opening Size</b>	Characteristic	max 75 µm	ASTM D 4751
<b>Resistance to UV Exposure</b>	70 / 500% / hours Not permanently UV stable		ASTM D 4355
<b>Resistance to Weathering</b>	Not resistant to permanent weathering		

## 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.

## 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.

## 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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Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
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