



PRODUCT DATA SHEET

Sikaplan[®]-400 Geotextile CA

Geotextile for protection/separation - 400 g/m²

PRODUCT DESCRIPTION

Sikaplan[®]-400 Geotextile CA is a 400 g/m² 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

Packaging	Roll length	91.44 m (300 ft)
	Roll width	2.28 m (7.5 ft)
Colour	Colour	black
	Surface texture	structured
Shelf Life	5 years from date of production	
Storage Conditions	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.	
Thickness	2.6 mm ± 0.3 mm	ASTM D 5199
Mass per unit area	415 g/m ² ± 40g/m ²	ASTM D 5261

TECHNICAL INFORMATION

Resistance to Static Puncture	CBR puncture	4.5kN	ASTM D 6241
Tensile Strength	Grab tensile strength	1.69 kN	ASTM D 4632
Elongation	Grab elongation	50% ± 15%	ASTM D 4632
Tear Strength	Trapezoid Tear	0.6 kN	ASTM D 4533
Resistance to UV Exposure	70 / 500% / hours Not permanently UV stable		ASTM D 4355
Resistance to Weathering	Not resistant to permanent weathering		
Water Permeability	Flow rate	34 L/ (m ² •s) ± 6 L/ (m ² •s)	ASTM D 4491
Opening Size	Characteristic	max 150 µm	ASTM D 4751

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

Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

Other locations

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

Sikaplan-400GeotextileCA-en-CA-(11-2024)-1-3.pdf

Product Data Sheet

Sikaplan®-400 Geotextile CA
November 2024, Version 01.03
020720701000000072

