



PRODUCT DATA SHEET

Sika® Fleece-120 (US)

POLYESTER FLEECE REINFORCEMENT FOR Sikalastic® RoofPro AND Sikalastic®-320 SYSTEMS

PRODUCT DESCRIPTION

Nonwoven needle-punched polyester fleece reinforcement to enhance the strength and durability of Sikalastic®-320 waterproofing membrane and Sikalastic®-621 TC and Sikalastic®-624 roofing membranes.

WHERE TO USE

- Ideal for roofing and waterproofing applications displaying complex details and geometry or when accessibility is limited.
- Suitable for applications where visibility of reinforcement overlaps is not an aesthetic concern.
- Ideal for applications where a one-day system installation is required.

CHARACTERISTICS / ADVANTAGES

- Permits “wet on wet” application of Sikalastic®-621 TC (US) and Sikalastic®-624 AR resins.
- Creates strong reinforced roofing and waterproofing membranes with enhanced elongation properties.
- Fleece thickness dictates membrane thickness.
- Reduces pinholing due to outgassing.
- Increases puncture and tear resistance.

PRODUCT INFORMATION

CSC MasterFormat®	07 10 00 DAMPPROOFING AND WATERPROOFING	
Packaging	1.2 x 45.7 m (48 in x 150 ft) rolls (Individually packaged rolls)	
Appearance / Colour	White	
Shelf Life	Product does not expire if correctly stored	
Storage Conditions	Store properly in original, unopened, undamaged sealed packaging in dry conditions, flat and wrinkle-free at temperatures between +4 °C and +35 °C (40 °F and 95 °F). Sika recommends to condition material at temperatures between +10 °C and +25 °C (50 °F and 77 °F) before using to match liquid resin.	
Density	Weight (g/m ²)	120 +- 15
	Weight (oz/yd ²)	3.5 +- 0.4

TECHNICAL INFORMATION

Tensile Strength

Tensile Strength MD (ASTM D5034)	198 N (45 lb)
Tensile Strength CMD (ASTM D5034)	242 N (55 lb)

Chemical Resistance

Not intended to be directly subjected to chemical exposure without being fully saturated with resin. Consult Sika Canada for more information.

Consumption

55 m² (600 ft²/roll) - Not including overlaps

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.

LIMITATIONS

- Avoid creating wrinkles and creases during storage, as they will tend to be visible in finished membrane after application.
- Store rolls on their side (flat) and not on end.
- Any repairs required to achieve a level surface must be performed prior to application (consult Sika Canada for guidance on various Sika® product solutions). Surface irregularities may reflect through the cured system.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Substrate surfaces, including flashing substrates, shall be primed, clean and dry, in accordance with separate System Data Sheet.

APPLICATION

Precut Sika® Fleece-120 (US) and dry-fit to horizontal field and vertical flashing conditions. Temporarily remove fleece. Apply approximately 2/3 of the specified resin quantity to primed substrate surface with a 13 mm (1/2 in) nap phenolic resin core roller. Immediately fit and place Sika® Fleece-120 (US) into wet resin, overlapping reinforcement 75 mm (3 in) along the sides 150 mm (6 in) at the roll ends. Apply wet roller to topside with light pressure to saturate from bottom and to ensure that air pockets are completely-removed. Immediately apply the remaining 1/3 of the specified resin quantity and apply wet roller to topside with light pressure to fully saturate the membrane and achieve an even texture and appearance.

CLEAN UP

Remove fleece saturated with liquid resin from substrate immediately, and wipe substrate with dry cloth. Once cured, reinforced membrane can only be removed by mechanical means.

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

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