

# PRODUCT DATA SHEET

## Sika® Fleece-170 (US)

### POLYESTER FLEECE REINFORCEMENT FOR SIKALASTIC® ROOFPRO SYSTEMS

#### PRODUCT DESCRIPTION

Non-woven, needle-punched polyester fleece reinforcement to enhance the strength and durability of Sikalastic® RoofPro roofing and waterproofing membranes.

#### USES

- 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 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), Sikalastic®-624 WP, Sikalastic®-641 Lo VOC and Sikalastic®-644 Lo VOC
- Creates strong reinforced roofing and waterproofing membranes with enhanced tensile strength
- Fleece thickness dictates membrane thickness
- Reduces pinholding due to outgassing
- Increases puncture and tear resistance

#### PRODUCT INFORMATION

<b>Packaging</b>	48" (1.2 m) w x 150' (45 m) l individually bagged rolls
<b>Shelf Life</b>	Indefinite
<b>Storage Conditions</b>	Store flat and wrinkle-free in original, unopened and undamaged sealed packaging in dry conditions. Recommended to condition material to 50–77 °F (10–25 °C) before using to match liquid resin.
<b>Thickness</b>	80 mils +/- 10 % <span style="float: right;">(ASTM D-5729)</span>
<b>Area Density</b>	170 g/m <sup>2</sup>

#### TECHNICAL INFORMATION

<b>Tensile Strength</b>	MD 55 lb. (24.9 kg) min. <span style="float: right;">(ASTM D-5034)</span> CMD 75 lb. (34 kg) min.
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## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

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

### APPLICATION

Precut Sika® Fleece-170 (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 1/2" (12.7 mm) nap phenolic resin core roller. Immediately fit and place Sika® Fleece-170 (US) into wet resin, overlapping reinforcement 3" (76.2 mm) along the sides and 6" (152.4 mm) 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.

### LIMITATIONS

- Avoid creating wrinkles and creases during storage, as they will tend to be visible in finished membrane after application.
- Store rolls on end, and not on their side.
- Any repairs required to achieve a level surface must be performed prior to application (consult a Sika representative 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.

### 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.

### LOCAL RESTRICTIONS

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com/> or by calling Sika's Technical Service Department at 800.933.7452 nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instructions for each

Sika product for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.

## ECOLOGY, HEALTH AND SAFETY

Keep container tightly closed. Keep out of reach of children. Not for internal consumption. For industrial use only. For professional use only. For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. Read the current actual Safety Data Sheet before using the product. In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

## LEGAL NOTES

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com/> or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use. 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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. 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 Sika's terms and conditions of sale available at <http://usa.sika.com/> or by calling 201-933-8800.

**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: 800-933-7452  
Fax: 201-933-6225

**Sika Canada Inc.**  
601 Delmar Avenue  
Pointe Claire  
Quebec H9R 4A9  
Phone: 514-697-2610  
Fax: 514-694-2792

**Sika Mexicana S.A. de C.V.**  
Carretera Libre Celaya Km. 8.5  
Fracc. Industrial Balvanera  
Corregidora, Queretaro  
C.P. 76920  
Phone: 52 442 2385800  
Fax: 52 442 2250537



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