

Storm Breaker™ Butyl Fleece Tape

TECHNICAL PRODUCT INFORMATION



Storm Breaker Butyl Fleece Tape is an incredibly versatile product, featuring a butyl tape incorporating a built-in primer on one side with a polyester reinforcement fleece on the other. Butyl Fleece Tape is extremely flexible even in cold temperatures and conforms easily in a wide variety of roofing situations, making repairs quicker and easier. It bonds to nearly any type of construction material with proper preparation.

FEATURES & BENEFITS

Storm Breaker Butyl Fleece Tape, especially when used with Storm Breaker coatings, offers many benefits:

- Non-curing rubber retains flexibility and waterproofing capability in a wide range of temperatures
- Bonds to EPDM, TPO, Hypalon, aged PVC, aluminum (painted or bare), galvanized steel (painted or bare), gypsum board, wood, many plastics, fiberglass, brick, concrete, and masonry
- Great for roof seams, tears, flashings, copings, skylights, gutters, and so much more
- Excellent repair product for mobile homes and RV's
- Remains flexible in temperatures as low as -70°F (-57°C)
- Works best with Storm Breaker Acrylic Roof Coating, Storm Breaker Urethane Low VOC Roof Coating, or Storm Breaker SEBS Rubberized Roof Coating

PACKAGING

Storm Breaker Butyl Fleece Tape is sold by the case, with one case containing 6 rolls each and each roll being 4" x 50'.

STORAGE & HANDLING

Keep container tightly closed and in a dry and cool place. When stored in the original packaging at temperatures between 40°F (4.4°C) and 100°F (37.8°C), Storm Breaker Butyl Fleece Tape has a recommended shelf life of 5 years from date of manufacture.

APPLICATION

The surface to be coated must be clean, dry, and sound, as well as free of dirt, moisture, oils, algae, or other contaminants that may interfere with good adhesion. Carefully remove any loose material from the surface with a wire brush or scraper. Grease and oil should also be removed with environmentally safe solvents or an appropriate cleaner. In most cases, a high pressure water blast will be sufficient to prepare the surface. With all coatings and adhesives, proper preparation is key to yielding the optimal results. BITEC always recommends

adhesion testing prior to starting any roof coating jobs.

Product application should be suspended immediately and our technical service personnel contacted if the results being obtained are less than desirable.

For best results, apply Storm Breaker Butyl Fleece Tape when the ambient temperature is between 40°F (4.4°C) and 150°F (65.6°C). BITEC recommends using a primer adhesive for application at temperatures below 40°F (4.4°C). Keep Butyl Fleece Tape at room temperature prior to application. Butyl Fleece Tape is functional in temperatures between -40°F (-40°C) to 212°F (100°C).

Storm Breaker Butyl Fleece Tape is intended to be coated after application, as a coating is necessary for UV protection. BITEC recommends Storm Breaker Acrylic Roof Coating (either grade), Storm Breaker Urethane Low VOC Roof Coating, or Storm Breaker SEBS Rubberized Roof Coating. Butyl Fleece Tape is not compatible with silicone sealants or coatings. Avoid using silicone based products near or with Butyl Fleece Tape.

After cleaning / preparing the surface, install Storm Breaker Butyl Fleece Tape over the area in need of repair. Gradually remove the release liner to allow the Butyl Fleece Tape to be positioned correctly and prevent contamination of the adhesive before the tape is adhered. Apply pressure either by hand or with a steel roller to start the bonding process. Do NOT remove the Butyl Fleece Tape and attempt to reposition it. Once the bond is formed, the product must not be removed in order to preserve the bond.

Once the Storm Breaker Butyl Fleece Tape has been rolled in place, apply the coating over the polyester fleece surface, extending past and onto the roof surface a minimum of 2" to fully encase the Butyl Fleece Tape, giving it UV protection provided by the coating.

PRECAUTIONS

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.

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Technical Schedule	
180° Peel @ 73°F (23°C) (ASTM D413)	5pli
Pliability	No cracks in membrane
Flexibility Temperature Range	-70°F (-57°C) ->200°F (93.3°C)
Low Temperature Flexibility (ASTM C765)	Passes 1/2" radius at -30°F (-34°C)
Water Vapor Test (ASTM E96B)	0.005 g / 100 in ² / 24 hours @ 100°F (37.8°C)

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