

# GreenSlope® Roof Leveling Compound

## TECHNICAL PRODUCT INFORMATION



**BITEC® GreenSlope** is a roof leveling compound that helps eliminate areas of ponding water on flat rooftops. This product is used to fill low spots and divert standing water by creating positive slope over a variety of substrates. This fast-drying formula allows for same day waterproof topcoating to help contractors eliminate challenges quickly and easily. GreenSlope's high durability, wide compatibility, and simple ease of use make it an indispensable asset for roof management and preventive maintenance service divisions.

### FEATURES & BENEFITS

GreenSlope can fill roof ponding areas and divert standing water by creating positive slope over a variety of substrates, including modified bitumen, built-up roofs, concrete roofs, plywood, and single ply membrane roofs (PVC, KEE, TPO, EPDM). GreenSlope can also be used around low drains or scuppers, as a pitch pan filler, as crickets behind HVAC units or even behind chimneys on shingled roofs, to build slope in gutters, and more.

With such versatility, GreenSlope offers many benefits:

- Convenient to use - mixes readily with a polyurethane binding adhesive to create a time-tested trowel grade material that is easily shaped and worked
- Strong and durable, offering superior UV resistance and longevity
- Low VOC
- Can be applied over or under the roof membrane
- Weighs approximately half the weight of the water it would displace and significantly less than cementitious alternatives, reducing overall stress on the roof structure
- Extends the potential lifespan of the roof at a fraction of the time and cost it takes to install a tapered insulation system or a new drain

### PACKAGING

GreenSlope comes as a kit, including all necessary components, packaged in either a 5-gal pail (36 / pallet) or a tote (12 / pallet). Both include gloves, a chip brush, mixing bag(s), black and white particles, and the urethane adhesive. The urethane adhesive is also available individually in 1/2-gal jugs.

### STORAGE & HANDLING

GreenSlope and all components should be stored unopened, in the original sealed container when not in use. Protect from atmospheric moisture and keep away from open flames and high temperatures. Store between 40°F (4.4°C) and 90°F (32.2°C).

### APPLICATION

#### BEFORE YOU BEGIN

After opening the bucket or tote, remove the brush, instructions, gloves, mixing bag, and urethane adhesive. The urethane adhesive jug may have settled at the bottom of the container. Pour the black / white particles into the mixing bag and mix evenly before adding the adhesive (step 3).

#### STEP 1: CLEAN THE AREA

Identify the ponding area and mark an outline on the roof surface. Thoroughly clean the area of loose dirt and make any needed repairs to ensure a good bond. Clean at least 6" – 12" beyond the ponding area so the topcoat or surface membrane will blend with the existing roof. For extremely dirty areas, pressure washing or cleaning with an all-purpose cleaner is recommended. For larger ponding areas, a handheld power broom can help speed up the cleaning process.

#### WARNING!

To ensure adhesion, check for the following impediments:

1. Trapped moisture – moisture can prevent adhesion, so the area must be thoroughly dry.
2. Wet surface – Please make sure the surface is power washed and thoroughly dry before applying.
3. Loose dirt – Dirt can prevent adhesion, so power wash and thoroughly dry the surface before applying roof leveling compound.
4. Cold temperatures – Temperatures under 40°F (4.4°C) can prolong curing time and reduce adhesion.

#### STEP 2: PRIME THE ROOF SURFACE

Before working with the urethane adhesive, please wear the provided rubber gloves to prevent skin contact. Use a brush to apply a thin layer of urethane adhesive to prime the area. Keep the urethane adhesive warm so it is easier to work with.

*NOTE: Additional urethane adhesive can be purchased separately if more is needed.*

#### STEP 3: MIX THE BUCKET CONTENTS

Add the remainder of the urethane adhesive to the bag, hold the bag firmly closed, and mix thoroughly, taking care not to puncture the mixing bag. If you do not need to use all the material, mix proportional amounts of the adhesive and particles. A drill mixer can be used to speed the mixing time. Prior to mixing with the drill, dump the GreenSlope mixture

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from the plastic bag into the 5-gallon bucket or tote. Avoid contact with the skin. For chemical safety data, the SDS is located at [www.bitec.com](http://www.bitec.com) or you can request it by calling BITEC Customer Service at (800) 535-8597.

### STEP 4: SPREAD THE MATERIAL TO LEVEL THE AREA

Pour the mixed GreenSlope material over the desired area and spread it using a trowel or straight edge. Compress and tamp down the material thoroughly using a trowel, especially around the perimeter to minimize water infiltration. Keep the trowel wet with water or WD-40 to minimize sticking of the particles to the trowel and provide a smoother finish. A brush or trowel grade topcoat coating product will smooth over the roof leveling compound, creating a more polished finish. Topcoat coatings or membranes can be applied as soon as the material firms up enough so it doesn't move during coating or membrane application. Approximate dry time is 2-4 hours, depending on thickness and ambient temperature. The GreenSlope compound can be tacky but should not move out of place while the topcoat is applied.

### Compatible Substrates:

- Single ply membranes – PVC, KEE TPO, EPDM
- Modified bitumen
- Built-up roofing (BUR)
- Metal roofing
- Spray polyurethane foam
- Shingles

### \*Compatible Topcoats:

- Single ply membranes – PVC, KEE, TPO, EPDM
- Modified bitumen
- Built-up roofing (BUR)
- Brush or trowel grade coatings or mastics
- Elastomerics, silicones, asphalt emulsions, roof granules, solvent-free roof cements

\*It is best to use low or no solvent products.

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### COVERAGE RATES:

Individual roofing situations and application methods may vary considerably – these coverage rates are approximations based on general conditions:

- 5-gal pail – 9 ft<sup>2</sup> at 1" thickness
- Tote – 36 ft<sup>2</sup> at 1" thickness

If unsure about the compatibility of a topcoat or a substrate with GreenSlope, please contact BITEC Technical Services prior to application.

### PRECAUTIONS

As with all chemicals, avoid getting this product on you or in you. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors / mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit [www.bitec.com](http://www.bitec.com).

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