



# Product Data Sheet

Water Tight Technologies, LLC  
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## SEBS Coating For EPDM, metal and other Roof Surfaces

### Description:

SEBS (styrene ethylbutylene styrene) Coating is an elastomeric single component block co-polymer roof coating that is VOC compliant. *BRITE-n-EZ™ SEBS Coating* may be applied to any roof surface.

Prior to applying this product on asphalt based roof substrates, you must first prime the substrate with the *BRITE-n-EZ™ SEBS Stain Blocking Primer (SEBSSB)* to block asphalt migration.

### Physical Properties:

PROPERTY	TEST METHOD (ASTM)	PHYSICAL PROPERTIES
Color	N/A	White liquid
Hazardous Components	See MSDS sheet for details and CAS #	Titanium Dioxide -13% Solvent Calcium Carbonate Silicon Dioxide
Viscosity	N/A	8,000 – 11,000 cps
Solids Content	D1644	65% +/- 2%
Reflectance	Federal Test Std. #141A	90%
Flash Point	D93	117° F
Tensile Strength@73°F	D412	2000 psi
Elongation @ 73° F	D412	800%
Tear Resistance	C624	200 lbf / in
Permeance	D1653	0.25 perms
Ultraviolet Exposure – 1000 hrs of Xenon Arc	D4798	No cracking, checking, loss of flexibility
Water Swelling % (mass)	D471	0.0%
Hardness	D2240	65 Shore A
Vapor Transmission	D1643	0.025 perms
Low Temp. Flexibility	C522	Pass (-15° F)
Fungus Resistance	G21	Zero Growth
Abrasive Resistance	D986	8 mg.
Weight	D244	10 lbs/gal +/- 0.5 lbs

### Application Instructions for EPDM:

BRITE-n-EZ™ White Reflective Coating and BRITE-n-EZ™ Plus are recommended for EPDM. BRITE-n-EZ™ SEBS may be used on EPDM however the solvents in this product tend to soften and put waves in the membrane when applied in heavy coats.

### Application Instructions for Asphalt roofing:

1. The roofing surface must be clean, dry, smooth and free of any foreign materials, grease, oil, dirt or rust.
2. Repair seams, splits in membrane and flashings using BRITE-n-EZ™ SEBS Flashing Compound and BRITE-n-EZ™ Reinforced Flashing Fabric using the recommended three course method following application instructions found on the label or that products data sheet.
3. On smooth surface asphalt, spray or roller apply BRITE-n-EZ™ SEBS Stain Blocker (see product data sheet for application instructions). Stain Blocker may not be required on granular surface modified surfaces but for added assurance of no staining, it is recommended.
4. Spray or roller apply BRITE-n-EZ™ SEBS Coating at a rate of one gallon per square. This coverage rate equates to 10 mils of elastomeric membrane when dry. Membrane will dry to the touch in 2 hours but should not be recoated until the membrane reaches full cure which is usually 24 to 48 hours.
5. Multiple coats (three to four) are required for roof restoration projects. It is always recommended that when roller applying, subsequent coats be rolled on in the opposite direction from the last to smooth and lessen roller marks .

### Application Instructions for Metal Roofing:

1. The roofing surface must be clean, dry, smooth and free of any foreign materials, grease, oil, dirt or rust.
2. Severely rusted metal panels must be replaced.
3. Tighten all fasteners and then apply a small amount of BRITE-n-EZ™ SEBS Flashing Compound to all fasteners. All overlapping end to end metal joints should be sealed with BRITE-n-EZ™ SEBS Flashing Compound and BRITE-n-EZ™ Reinforced Flashing Fabric using the recommended three course method following application instructions found on the label or that products data sheet. All flashing details should be repaired using BRITE-n-EZ™ SEBS Flashing Compound and BRITE-n-EZ™ Reinforced Flashing Fabric.
4. Apply a coat of BRITE-n-EZ™ SEBS Rust Inhibitor to areas of light to moderate rust.



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5. Spray BRITE-n-EZ™ SEBS Coating at a rate of one gallon per square to the entire roof surface. This coverage rate equates to 10 mils of elastomeric membrane when dry. Membrane will dry to the touch in 2 hours but should not be recoated until the membrane reaches full cure which is usually 24 to 48 hours.
6. Multiple coats ( three to four) are require for roof restorations projects keeping in mind each coat adds an additional 10 mils to the total membrane thickness.

### **Application Precautions:**

This coating is not recommended for installations where ponding water is likely to occur for longer than 48 hours. Do not apply when weather conditions will not permit drying, i.e. high relative humidity (>90%), just before rain, dew freezing temperatures or sunset.

Do not apply when temperature is forecast to be below 40° F within the next 48 hours.

If BRITE-n-EZ™ Coating does freeze, do not use and replace with new material. Keep away from heat, sparks and open flames.

### **Product Data:**

**Available Sizes:** 5 gallon pails  
55 gallon drums

**Colors:** May also be ordered in grey to serve as the base coat and to assist the applicator in distinguishing between the first and second coats.

**Coverage:** When applied at a rate of 1 gallon / 100 sq feet, the theoretical wet film thickness should be 16 mils and the theoretical dry film thickness should be 10 mils.

**Cure Times:** When applied at 16 wet mils coating thickness and at conditions of 75° F and 50% humidity, SEBS Coating will dry to the touch in 2 hours, but should not be recoated until it has reached full cure – usually 24 – 48 hours. Colder weather and/or higher humidity will retard curing.

**Storage:** Store in cool, dry well ventilated facility and away from all heat sources and flames. Keep containers closed when not in use. Keep from freezing.

**Shelf Life:** Shelf life of 12 months can be expected when stored at temperatures between 40° and 80° F in original unopened carton. **Rotate stock.**

### **Precautionary Data:**

- **This material should not be allowed to freeze.** Do not ship or store at temperatures below 32° F.
- Use with adequate ventilation. Avoid prolonged breathing of vapors or repeated contact with skin.
- Keep out of reach of children.
- Do not dilute or contaminate this material.
- **Coating thickness determines service life;** however, two normal coats are better than one excessively thick coat.

*Each roof application has unique requirements and may require a specific system configuration and application. This product is manufactured to our product specification and our only obligation shall be to replace such product if proven to be defective. Water Tight Technologies, LLC (WTT) does not assume responsibility for any defects in application of this product, or any deficiencies in any roof or substrates on which this product is applied, nor shall WTT be responsible or liable for injury, loss, or damage of any kind or character, direct or consequential, arising from the application, use or inability to use this product.*