



SEBS ROOF COATING

PRODUCT DESCRIPTION

Polymer based Mule-Hide SEBS Roof Coating is an elastomeric solvent based coating intended for the repair and restoration of metal roofs. Ultra-low moisture permeability prevents corrosion while high elasticity allows conformation to building movement. SEBS Roof Coating is based on tough, elastic Styrene Ethylene/Butylene Styrene polymers and a clear adhesive hydrocarbon resin in an aromatic hydrocarbon vehicle. High reflectivity is maintained due to the incorporation of high quality titanium dioxide. Additionally, high loadings of antioxidants and light stabilizers ensure durability throughout roof service life.

BASIC USES

Mule-Hide SEBS Roof Coating is used as the finish coating after the application of the SEBS Base Coat to help repair and restore metal roofing surfaces.

TYPICAL PHYSICAL PROPERTIES

Physical Property*	Test Method	Value
Viscosity	ASTM D 2196	30,000 cps
Solids by Weight	ASTM D 1644	55%
Solids by Volume	ASTM D 2697	44%
Weight per Gallon	ASTM D 1147	8.8 lbs.
Tensile Strength	ASTM D 2370	1,600 psi
Elongation	ASTM D 2370	800%
Reflectivity – initial	ASTM C 1549	0.80
Reflectivity – aged	ASTM D 1918	0.73
Emissivity	ASTM C 1371	0.88
SRI	LEED	100
Flash Point	ASTM D 56	103°F (39°C)
VOC	EPA 24	<550 g/l

*Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

PACKAGING

Container sizes: 5 gallon pails and 55 gallon drums

Colors

White

APPLICATION INSTRUCTIONS

Preparation

1. Surface must be clean and free of dirt, oils, grease or corrosive particles.
2. Roof surfaces must be dry for coating application. Even when the surface appears dry, moisture may be trapped in the roof, deck or insulation.
3. A moisture scan is recommended prior to application.
4. Metal roof panels exhibiting areas of solid or significant rust must be coated with the SEBS Primer and allowed to dry 4 -6 hours prior to applying the SEBS Base Coat. The SEBS Base Coat must be allowed to dry 4 – 6 hours prior to applying the SEBS Roof Coating.
5. For best results, maintain SEBS Roof Coating at 70°F or higher.
6. Application is not recommended when the dew point is within 5°F of ambient air temperature.

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APPLICATION INSTRUCTIONS (cont.)

7. Before beginning application, close all fresh air intakes and other potential points of entry for solvent vapors into the building.
8. All seams, fasteners and penetrations should be sealed with Mule-Hided SEBS Seam Sealer.
9. Mule-Hide SEBS Roof Coating must be applied to entire roof surface and allowed to cure. If applying multiple coats, allow 4 – 6 hours prior to applying each additional coat.

Mixing

1. SEBS Roof Coating must be mechanically mixed for a minimum of 5 minutes before application, and must be mixed continuously during application.

Application

1. Apply with a brush, roller or suitable spray equipment at the rate of 1.25 to 1.50 gallons per 100 sq. ft.
2. Application rates are approximate and will vary with the texture of the substrate.
3. Allow SEBS Base Coat to cure a minimum of 4 – 6 hours before applying SEBS Roofing Coating.
4. Maximum recoat time should not exceed 72 hours. If left exposed beyond 72 hours, the SEBS Base Coat may require cleaning before applying the SEBS Roof Coating.

Application instructions are basic guidelines only. Please read and understand the complete Mule-Hide specification for this product prior to use.

Equipment Recommendations

1. Spray Equipment (optional) – Mule-Hide recommends the Graco 733 or Graco 833 with 3/4" hose to 5/8", 25' whip with mastic gun and Graco 635 (.035 orifice) tip. In cold weather, attach one or more Graco Viscon in-line heaters in order to raise material temperature to a minimum 70°F and maximum 130°F at the spray tip. Please contact Mule-Hide Technical Department for more detailed information.
2. Miscellaneous equipment includes 3/4" to 1-1/4" nap, lint free, 9" roller covers and rollers, 6 ft handles, 4" double wide chip brushes, roofers' trowels, scissors for cutting fabric and 1/2" power drill with mixing attachment.
3. Miscellaneous hand and power tools may be required to complete any repairs to the metal roof.

PRECAUTIONS

WARNING! COMBUSTIBLE LIQUID AND VAPOR. Contains petroleum distillates. Keep away from heat and open flames.

Avoid prolonged contact with skin or inhalation of fumes. A NIOSH approved respirator with organic vapor cartridges is recommended.

Do not take internally. If swallowed, do not induce vomiting. Contact medical personnel immediately. For professional use only. Read SDS prior to use.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

Roofing asphalts may cause staining. Since this is unpredictable, it is recommended to apply a test patch of Mule-Hide SEBS Roof Coating to test its performance.

Not recommended for use over existing acrylic coatings.

Not recommended for use over existing PVC roofs as the plasticizers may cause softening of the SEBS Roof Coating.

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CLEAN UP

Clean up with naphtha

STORAGE & HANDLING

Two years from date of manufacture in unopened container.

Job site storage in excess of 90°F (32°C) may affect product shelf life. Store product at temperatures between 60° F and 80° F. Materials exposed to lower temperatures affect the workability and performance of the product. Products must be restored to 60° F prior to use.

PROTECTION & SAFETY

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

ADDITIONAL INFORMATION

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at www.mulehide.com for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate at the time of printing. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the alleged failure before repairs are made.