



SEBS+ ROOF COATING

PRODUCT DESCRIPTION

Revision Date: August 2019

Polymer based Mule-Hide SEBS+ Roof Coating is a solvent-based terpolymer coating intended for the repair and restoration of metal (including Kynar®), smooth asphalt and modified bitumen, granulated modified bitumen, aged TPO, and Hypalon roofs. Extremely fast drying. Skins over in minutes and cures completely in a few hours. Won't wash off or pick up debris. SEBS+ Roof Coating is available in Energy Star white and custom colors. When installed, white SEBS+ Roof Coating will reduce the roof's surface temperature which reduces stress from daily heat cycles. It will also reduce the heat gain in the building's interior, any associated air conditioning costs and increase the efficiency of the roof mounted air condensers.

BASIC USES

Mule-Hide SEBS+ Roof Coating is used to coat metal (including Kynar®), smooth asphalt and modified bitumen, granulated modified bitumen, aged TPO, and Hypalon roofs to help repair and restore the roofing surface. White SEBS+ can also help reduce roof surface temperatures and associate cooling costs.

TYPICAL PHYSICAL PROPERTIES

Physical Property*	Test Method	Value
Viscosity	ASTM D 2196	25,000 cps
Solids by Weight	ASTM D 1644	56%
Solids by Volume	ASTM D 2697	45%
Weight per Gallon	ASTM D 1147	9.2 lbs.
Tensile Strength	ASTM D 2370	1,100 psi
Elongation	ASTM D 2370	700%
Reflectivity – Initial	ASTM C 1549	0.84
Reflectivity – Aged 3 yrs	ASTM C 1549	0.74
Emissivity	ASTM C 1371	0.90
SRI	LEED	105
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: 1 gallon pails, 5 gallon pails and 55 gallon drums

Colors

White, Black, Dark Gray and Gray

APPLICATION INSTRUCTIONS

Preparation

1. Surface must be clean and free of dirt, oils, grease or corrosive particles.
2. Clean surfaces to be coated with 115 cleaner using a pressure washer to rinse thoroughly. Failure to properly clean the existing roof surface may result in poor adhesion and discoloration of the SEBS+ Roof Coating.
3. Roof surfaces must be dry for coating application. Even when the surface appears dry, moisture may be trapped in the roof, deck or insulation.

MULE-HIDE SEBS+ ROOF COATING

APPLICATION INSTRUCTIONS (con't)

4. A moisture scan is recommended prior to application.
5. 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+ Roof Coating.
6. Metal roof surfaces that have been coated with asphalt coatings should have the asphalt roof coating removed. Any remaining coating or asphalt residue that cannot be removed may be coated with the first coat of the SEBS+ Roof Coating. Although the SEBS+ Roof Coating is highly resistant to asphalt staining, this condition is unpredictable and the first coat will often stain yellow. The second coat should cover the stained areas.
7. If the metal roof has multiple layers of aluminum coating, all layers must be removed prior to application of the SEBS+ Roof Coating.
8. For best results, maintain SEBS+ Roof Coating at 50°F or higher.
9. Roof temperature should be above freezing during application. Once applied, the coating is unaffected by temperature.
10. Application is not recommended when the dew point is within 5°F of ambient air temperature.
11. Before beginning application, close all fresh air intakes and other potential points of entry for solvent vapors into the building.
12. All seams, fasteners and penetrations should be sealed with Mule-Hided SEBS Seam Sealer.
13. 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. Maximum recoat time should not exceed 72 hours. If left exposed beyond 72 hours, the SEBS+ Roof Coating may require cleaning before applying an additional coat of SEBS+ Roof Coating.

Mixing

1. SEBS Base 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 2.00 gallons per 100 sq. ft.
2. Multiple coats may be required.
3. Application rates are approximate and will vary with the texture of the substrate.
Metal (varies) - 2.5 to 3 gallons per square applied in 2 coats at 1.25 to 1.5 gal/sq per coat.

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

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.

NOT FOR USE OVER Acrylic, Silicone, Polyurethane, Asphalt Emulsion or Epoxy coated metal roofs.

PRECAUTIONS

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

MULE-HIDE SEBS+ ROOF COATING

PRECAUTIONS (continued)

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 know to the State of California to cause cancer, birth defects and/or reproductive harm.

CLEAN UP

Clean up with naphtha.

STORAGE & HANDLING

Shelf Life: 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.