



MULTIBASE SB

PRODUCT DESCRIPTION

May-2018

Multibase SB is a 100% acrylic based resin intended for application as a primer on approved substrates/surfaces prior to the application of the Mule-Hide 100% Silicone Roof Coating. Multibase SB contains no mineral fillers and a minimal amount of pigment. This allows for improved adhesion. Multibase SB is also used to block asphalt bleed through. Its' light yellow color changes to a darker amber hue as the coating dries. This allows for visual confirmation of the coating's level of cure and readiness for application of the top coats. It is formulated to a relatively thin viscosity and low surface tension. This allows for complete penetration of the roof surface. This is a water-based material and must be kept from freezing.

BASIC USES

Multibase SB is intended for application as a primer to concrete, modified bitumen, asphalt BUR, PVC, EPDM and Hypalon roof surfaces prior to applying the Mule-Hide 100% Silicone Roof Coatings. Do not use on coal-tar-pitch roofs, TPO membranes or any areas of ponding water. Contact Mule-Hide's Technical Services Department for additional information.

TYPICAL PHYSICAL PROPERTIES

Property*	Method	Value
Viscosity	ASTM D2196	30,000 cps
Solids by Weight	ASTM D1644	40%
Solids by Volume	ASTM D2697	38%
Weight per Gallon	ASTM D1475	8.6 lbs.
Flash Point	ASTM D56	NA
VOC	EPA 24	10 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.

COLORS

The standard color is light yellow.

PACKAGING

Packaging is standard in 5 gallon pails, 50 gallon drums or 275 gallon totes.

STORAGE & HANDLING

All materials shall have proper identification & labels. All containers must have airtight unbroken seals or unopened containers. All materials must be stored in a secure area to prevent theft, damage, or vandalism. Any containers without proper manufacturer's identification will not be acceptable. All materials at jobsite must have proper SDS Sheets available at the project site. All materials are to be stored at not less than 45°F. Do not store above 90°F. Shelf life is 12 months with proper storage and handling.

ALL ACRYLIC COATINGS MUST BE PROTECTED FROM FREEZING AT ALL TIMES.

PROTECTION & SAFETY

Protection of areas not intended to be coated, or items such as, skylights, HVAC units, etc., must be protected by masking or covering to prevent over spray or accidental coating. The applicator will be responsible for any material spills, spray drift, or over spray. Mule-Hide recommends that applicators wear sun glasses when applying the finish coating in bright sun shine.

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PROTECTION & SAFETY (continued)

CAUTION!! COATED AREAS BECOME EXTREMELY SLIPPERY WHEN WET.

ALWAYS MAKE SURE ALL WORK ENVIRONMENTS COMPLY WITH OSHA STANDARDS.

APPLICATION EQUIPMENT

Application may be by brush, roller, or airless spray.

1. Brush: Suitable for small areas and flashings. Use a soft bristle paint brush.
2. Roller: Recommended when coating small areas. Use a medium (1/2") or a long (1.0") napped roller.
3. Airless Spray Equipment: The following spray equipment is recommended by Mule-Hide.

PUMP *The pump should be capable of producing a minimum material output of 2 gallons per minute at 3,000 psi.*

GUN The airless spray gun should be equipped with a ball bearing swivel for ease of handling. Recommended orifice size is .025 to .035 inch diameter with a wide angle fan pattern. A Reverse-A-Clean nozzle is recommended. Exact orifice size will vary with temperature of the material and weather conditions.

HOSES *Maximum of 300' of high-pressure, material hose. Hose ID are available from 1/2" to 1/4". Whip hose length should be one (1) ID size smaller than rest of hose length.*

Application Temperatures

Temperature of surfaces to be coated should be above 40°F and rising and below 110°F. Do not apply material if the humidity is greater than 90% or there is a threat of rain within 48 hours. Do not apply if there is a chance that ambient temperatures may drop below 45°F within 48 hours after application.

APPLICATION

Mule-Hide recommends a jobsite adhesion test be performed. If in doubt as to the compatibility of the coating and substrate, allow a minimum six day cure.

Check weather conditions prior to start of work. Mule-Hide Acrylic Coatings require complete evaporation of water to cure. Cool temperatures and high humidity retard cure. Do not apply if weather conditions will not permit complete cure before rain, dew or freezing temperatures.

Mechanically mix before using. All surfaces to be coated with the Multibase SB must be power washed clean with Mule-Hide 115 Cleaner and allowed to dry. The surface may be damp but must be free of all standing water. Surface temperatures should be under 100°F to avoid premature curing.

Apply with a soft bristle brush, roller or suitable spray equipment at the rate of 1.0 gal/100 sf. When applying over PVC membranes, the application rate may be reduced to 0.5 gal/100 sf. When applying over asphalt surfaces, more product may be required on alligatored or irregular surfaces. Irregular surfaces may require a prime coat to fill in and level the roof surface. Do not apply this product to any surfaces that pond water more than 48 hours. The service life will be severely diminished and adhesion failure can be expected.

Mule-Hide recommends approximately 12 hours cure time between coats or the product should be sufficiently dry that foot traffic will not damage the coating. Multiple coats should always be applied within 72 hours of each coat to minimize or prevent contamination that would require additional cleaning.

Commencement of work by the contractor confirms his approval of the deck or existing roof surface.

Do not use on coal-tar-pitch roofs, TPO membranes or any areas of ponding water.

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CLEAN UP

Equipment clean-up is simple using 115 CLEANER by Mule-Hide and water while the product is still wet. Thoroughly rinse all hoses and spray equipment at the end of each day and make sure all materials, debris, and containers are removed from the job site and properly store or discard.

WARRANTY

A watertight warranty may be available, when installed in compliance with Mule-Hide's published specification for application over an existing positive sloped metal roofing system by a Mule-Hide Eligible Contractor. Substrate preparation and material application must be in accordance with Mule-Hide application recommendations and procedures. Consult Mule-Hide for full information on warranted systems. Substrates other than metal may receive a material warranty.

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. This product may be eligible for a Mule-Hide warranty, please check the Mule-Hide website at www.mulehide.com or contact Mule-Hide directly at 800-786-1492 for details. 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.