



Multibase SB

Stain Blocking Primer



PRODUCT DATA SHEET

DESCRIPTION

Multibase SB is a primer and stain blocker for use on approved substrates/ surfaces prior to the application of the 100% Silicone Roof Coating. This allows for improved adhesion. It is formulated to a relatively thin viscosity which allows for excellent penetration on most roof surfaces. 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 100% Silicone Roof Coatings. Do not use on coal-tar-pitch roofs, TPO membranes or any areas of ponding water. Contact MuleHide's Technical Services Department for additional information.

COLORS

The standard color is light yellow.

PACKAGING

- 5-gallon pail (18.9 liters)
- 55-gallon drum (208.1 liters)

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:** Multibase SB can be applied by conventional airless spray equipment designed for the purpose of field application of fluids, paints and coatings. The following minimums are recommended:
 - **Pump:** 1.6 gal/min output; 2,500 psi
 - **Gun/Tip:** Airless handgun. Reversible tip with orifice sizes ranging from 0.19—0.25 and a fan angle of 40° or 50°.
 - **Hose:** Minimum inside diameter of high-pressure nylon hose of 3/8" to 100'; for any hose over 200' the inside diameter should be 1/2".
 - Refer to equipment manufacturer product guidelines.

APPLICATION

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.

TYPICAL PHYSICAL PROPERTIES

Property*	Method	Value
Viscosity (cP)	Brookfield® 4d/5 RPM/77°F	11,000
Weight per gallon (lb)	ASTM D2939	9.3
Solids weight (%)	ASTM D1644	48
Solids volume (%)	ASTM D2697	44
VOC (gm/L)	Calculated	<10

*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.

- Check weather conditions prior to start of work. MuleHide 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.

Surface Preparation

- All surfaces to receive coating must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products.
- Metal surfaces that display rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminants.
- Existing roof systems to be visually inspected for conditions that may adversely affect adhesion or performance of newly installed products. Repair any visible deficiencies such as splitting, blistering, and buckling prior to the installation of the coating system.
- Visually inspect all metal and non-metal flashings, edges, drains, valleys and through-roof penetrations and repair as needed by project conditions.
- Do not apply to wet or visibly damp surfaces, surfaces previously covered with coal tar-based products, Kynar® finishes, TPO membranes or any areas of ponding water.
- Concrete surfaces cured with wax/resin-based compounds can inhibit adhesion.

Installation

- Mechanically mix before using.
- All surfaces to be coated with the Multibase SB must be power washed clean with MuleHide 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.



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- Apply with a soft bristle brush, roller or suitable spray equipment at the following recommended rates:

Substrate	Coverage Rate*
Galvanized Steel	1/2-gallon per 100 sqft
Aluminum	1/2-gallon per 100 sqft
Bituminous, granulated membranes	2/3 - 1-gallon per 100 sqft
Wood	1/2 - 2/3-gallon per 100 sqft
Concrete / Masonry	1/2 - 2/3-gallon per 100 sqft
Single-Plies (EPDM, TPO, PVC)	1/2 - 1-gallon per 100 sqft

*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.
- MuleHide 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.
- 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.
- Commencement of work by the contractor confirms their approval of the deck or existing roof surface.

STORAGE & CLEANING

- Product shelf life: typically 18 months from date of manufacture, when properly stored.
- Do not store at temperatures greater than 120°F.
- Store 24 hours at room temperature prior to application.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Do not allow product to freeze. Discard if any degree of freezing occurs.
- Keep containers covered when not in use.
- Clean equipment and over spray with water.
- Clean hands with waterless hand cleaner.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

PROTECTION & SAFETY

MuleHide 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. MuleHide's safety data sheets should be read and understood by all of your supervisory personnel and employees before using MuleHide products in your facilities.

ADDITIONAL INFORMATION

On projects where a MuleHide Standard or Premium Warranty is requested, an authorized MuleHide representative shall inspect all completed work.

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

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