



AeroWeb

OVERVIEW

Revision Date: January 2019

Mule-Hide's AeroWeb Low-VOC Aerosol Contact Adhesive/Primer can be used for a variety of applications: adhering Fleece Back, Standard TPO, and EPDM membrane to vertical walls, enhancing the bond between Mule-Hide's F5 and various substrates, and priming unexposed asphalt prior to applying Helix Adhesive for insulation attachment.

AeroWeb's Low-VOC, methylene chloride-free formula promotes tenacious adhesion and quick drying in a wide range of temperatures. Applied using a self-contained spray system that provides quick and even coverage, this system requires minimal cleanup or maintenance.

Please note: cylinder, hoses, and gun are each sold separately.

PRODUCTIVITY BOOSTING FEATURES AND BENEFITS

- Quick application with spray gun
- Fast tack time (less than 5 minutes)
- No stirring
- Up to 60% labor savings compared to traditional bonding adhesive

FEATURES AND BENEFITS

- Standard TPO and EPDM on vertical & horizontal surfaces for warranties up to 20 years
- Adhering Fleece Back (vertical application only)
- Can be used in temperatures as low as 25°F when used as an adhesive
- Can be used in temperatures as low as 15°F when used as a primer
- Easy setup
- Easy cleanup
- Low odor and Low-VOC

Acceptable Membranes and Applications		
Membrane	Wall	Field
TPO	YES	YES
EPDM	YES	YES*
PVC	NO	NO
Fleece Back**	YES	NO

*Contact Mule-Hide Technical Department for project requirements
**Not for use with TPO Fleece Back FR

INSTALLATION

1. Connect spray gun to hose and connect hose to cylinder. Use lithium grease or petroleum jelly on all fittings and be careful to avoid cross-threading. Open valve on cylinder to check fittings for leaks. **Keep cylinder valve open to maintain pressure in the hose/spray gun when not in use.**
2. AeroWeb can be applied at ambient temperature of 25°F and above. Propellant in cylinders must be kept above 70°F for the product to spray properly. Utilize power-heated blanket, and hot boxes when necessary. Substrate shall be clean, dry, and free of debris and contaminants.

INSTALLATION (continued)

3. For applications taking place in ambient temperature below 70°F, store cylinders in heated space and move to project area during application. Cylinders must be kept warm on the jobsite. Dispense product from cylinder while it is still warm. When product in cylinder becomes too cold, it will begin to spit rather than spray. If this occurs, swap cold cylinder for warmer one and return cold cylinder to heated area. When changing cylinder, close the valve on the cylinder and depressurize the hose. Remove the hose and attach to the new cylinder. Open valve and do a test spray.
4. Apply AeroWeb in an even coat to substrate (refer to the drawing on the next page), keeping the spray tip approximately 12" (30.5 cm) away and perpendicular to the surface during spray. Avoid high thickness buildup.
5. Allow AeroWeb to flash-off until it does not transfer to finger when touched. Limit application of AeroWeb to surfaces that will be covered with membrane or Mule-Hide's F5 the same day.

Vertical Applications of Standard TPO & EPDM membrane, or any Fleece Back membrane*:

*Note: Not for use with TPO Fleece Back FR

Acceptable substrates include: Mule-Hide Poly ISO roof insulation, Poly ISO 1-HD, DensDeck® Prime, SECUROCK®, OSB, plywood, metal, residual asphalt, and clean concrete block. To improve adhesion and reduce the potential for asphalt bleed-through on vertical surfaces with residual asphalt, apply an initial "sealing" base coat of AeroWeb and allow to flash off properly; then, apply a secondary coating of AeroWeb to the vertical surface.

There are no height restrictions when using AeroWeb for vertical applications if the appropriate membrane terminations are utilized.

1. Spray wall and back of the membrane, utilizing a 50% overlapping spray pattern.
2. Do not apply adhesive to splice areas.
3. Allow adhesive to become tacky but not overly dry; it should not transfer to fingers when touched.
4. Mate membrane with the wall from the center of the sheet towards the edges, smoothing by hand.
5. Broom the membrane with a soft-bristle broom.
6. Roll in with a hand roller.

Horizontal Application of Standard TPO, Standard EPDM and White-on-Black EPDM membranes

Acceptable substrates include: Mule-Hide Poly ISO roof insulation, Poly ISO 1-HD, DensDeck Prime, SECUROCK, OSB, and plywood. Please see Mule-Hide's TPO Specification for a complete list of acceptable substrates.

The surface, on or against which adhesive is to be applied, shall be clean, smooth, dry, free of films, sharp edges, loose and foreign materials, oil and grease. Depressions greater than ¼" (6 mm) should be feathered, using epoxy, mortar or other approved patching material. All sharp projections shall be removed by sweeping, blowing or vacuum cleaning.

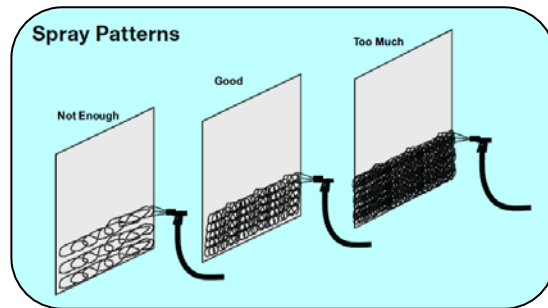
Application shall be continuous and uniform, avoiding globs or puddles.

1. Spray substrate and back of the membrane with enough overlap to ensure 100% coverage (2"-3" of overlap).
2. Do not apply adhesive to splice areas.

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Horizontal Application of Standard TPO, Standard EPDM and White-on-Black EPDM membranes (continued)

3. Allow adhesive to become tacky but not overly dry; it should not transfer to fingers when touched.
4. Roll the membrane onto the adhesive-coated substrate while avoiding wrinkles. Immediately brush down the bonded portion of the sheet with a soft-bristle push broom, and then roll the membrane with a clean, dry roller to achieve maximum contact.



Review Mule-Hide specifications and details for complete installation information.

CLEANUP

UN-TACK™ safe solvent or mineral spirits can be used to clean tools and surfaces. If the spray gun valve becomes stuck, attach hose and spray gun to cylinder of Citrus Cleaner or UN-TACK and trigger spray gun repeatedly until operation is smooth. If the spray gun is clogged, a small-gauge wire or torch clean-out tool is helpful after soaking the brass fitting in UN-TACK.

STORAGE & HANDLING

Store cylinders in protected, conditioned space with temperature maintained above 70°F. Do not store cylinders in areas where temperatures reach 110°F or higher. Contents are flammable. Store in accordance with local, state, and federal regulations. Keep cylinder valve open to maintain pressure in the hose and spray gun. Periodically spray in a safe manner to help prevent possible clogging. Keep spray gun trigger locked when not in use. Flush gun and hose with UN-TACK for long-term storage beyond 30 days.

PRECAUTIONS

AeroWeb is a flammable liquid propellant and vapor. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from the material handling point and flashback. Keep away from open flame. Use with adequate ventilation. Avoid inhalation of spray mist or vapors. Harmful or fatal if swallowed. May cause eye irritation. Keep out of reach of children. Review Safety Data Sheet for complete safety information prior to use. Use of goggles and gloves is required. Aerosol cylinders are not refillable and when empty are harmless and disposable. Dispose according to local codes and laws. Read safety precautions and warnings on cylinder label. Wear gloves and goggles before using this product. Do not aim spray gun at people or animals at any time. PPE Gloves must be used while handling material.

For industrial professional use only.

**Important note: cylinder, hoses, and gun are each sold separately*

PACKAGING

Product	Size/Weight
AeroWeb	#40 Aerosol Cylinder Fill Weight: 30 lbs of adhesive
6' Hose	6' Length
12' Hose	12' Length
18' Hose	18' Length
Spray Gun with	–
Spray Gun Adjustable	–
Low-VOC UN-TACK	#8 Aerosol Cylinder

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TYPICAL PROPERTIES AND CHARACTERISTICS

Physical Property	Typical Value
Color	Light Green
Consistency	Aerosol Spray
Spray Pattern	Variable Web
Odor	Low
Base	Rubber/Solvent Blend
Solvent	Cyclohexane/Acetone
Coverage Rate	1-Sided Primer - 2000-2500 ft ² when used with air and vapor barriers* 2-Sided Adhesive - Walls – 1000 ft ² * 2-Sided Adhesive - Field – 1000 ft ² *
Tack Time	5 minutes**
Adhesion	Excellent
Service Temperature	-30°F to 200°F
Flammability	Flammable when wet. Non-flammable when dry.
Water Resistance	Excellent
Mildew Resistance	Excellent
Shelf Life	12 months (unopened container)

*Approximate Coverage

** or longer depending on climate conditions

LEED INFORMATION

Pre-consumer Recycled	0%
Post-consumer Recycled	0%
Manufacturing Location	Lynchburg, VA
VOC	248 g/L

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.