



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786)315-2590 F (786) 315-2599

www.miamidade.gov/economy

Mule-Hide Products Co., Inc
1195 Prince Hall Dr.
Beloit, WI 53511

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (in Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Mule-Hide Products Co., Inc. Coatings, Mastics, and Adhesives

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 14.

The submitted documentation was reviewed by **Freddy Semino**



NOA No.: 18-0919.05
Expiration Date: 06/25/25
Approval Date: 06/25/20
Page 1 of 14

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Cement-Adhesive-Coatings
Material: Asphalt

SCOPE:

This approves “**Mule-Hide Products Co, Inc. Coatings, Mastics, and Adhesives**” manufactured by **Tropical Roofing Products Florida, LLC**, as roof cements, coatings, and adhesives, as described in this Notice of Acceptance. These products have been designed to comply with the Florida Building Code, and the High Velocity Hurricane Zone of the Florida Building Code.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
<u>Mule-Hide #211</u> <i>Manufacturing Location #1</i>	1, 5, 55 gal.	ASTM D 4586 Type I	All-weather flashing cement that adheres to all surfaces, wet or dry.
<u>Mule-Hide #121</u> <i>Manufacturing Location #1</i>	1, 5, 55 gal.	ASTM D 41	An asphalt concrete primer used as a bonding coat for prime coating, rust proofing, waterproofing and solidification of dust particles and sealing of porosity prior to application of subsequent materials.
<u>Mule-Hide #406</u> <i>Manufacturing Location #5</i>	1, 5, 55 gal.	ASTM D 2824 Type III	Asbestos free, heavy duty, fibered aluminum asphalt coating that provides reflectivity while ensuring protection against moisture and corrosion
<u>Mule-Hide #401</u> <i>Manufacturing Locations #5</i>	1, 5, 55 gal.	ASTM D 2824 Type III	Asbestos free, heavy duty, fibered aluminum asphalt coating that provides reflectivity while ensuring protection against moisture and corrosion
<u>Mule-Hide #416</u> <i>Manufacturing Locations #5</i>	1, 5, 55 gal.	ASTM D 2824	Is a standard non-fibrated aluminum roof coating provides high-performance protection for asphalt-based roofs.
<u>Mule-Hide #410</u> <i>Manufacturing Locations #5</i>	1, 5, 55 gal.	ASTM D 2824	Is a premium non-fibrated aluminum roof coating that provides premium, high-performance protection for asphalt-based roofs.
<u>Mule-Hide #102</u> <i>Manufacturing Location #1</i>	1, 5, 55 gal.	ASTM D 4479	Asbestos free liquid asphalt waterproofing fortified with mineral fibers.



<u>Mule-Hide #420</u> <i>Manufacturing Location #1</i>	1, 5, 55 gal.	ASTM D 3019	Is a Mod Bit adhesive with a select formulation for use as a cold-applied bonding agent for SBS modified bitumen base sheets and SBS modified bitumen cap sheets.
<u>Mule-Hide #231</u> <i>Manufacturing Location #1</i>	10.5 tubes; 1, 5, 55 gal.	ASTM D 3409 / ASTM D 4586	An asbestos free asphaltic base, multipurpose plastic roof cement for repairing leaks, cracks, and holes in concrete, steel, or metal roofs.
<u>Mule-Hide # 241</u> <i>Manufacturing Location #1</i>	1, 3, 5 gal.	ASTM D 3409 / ASTM D 4586	A polymer modified Mastic that is used on wet/dry roof surfaces.
<u>Mule-Hide #221</u> <i>Manufacturing Location #1</i>	1, 5, 55 gal.	ASTM D 3409 / ASTM D 4586	An asbestos free asphaltic base, multipurpose plastic roof cement for repairing leaks, cracks, and holes in concrete, steel, or metal roofs
<u>Mule-Hide #251</u> <i>Manufacturing Location #1</i>	1, 3, 55 gal. & 10.5 ounce caulking tubes	ASTM D 3409 / ASTM D 4586	Asbestos free flashing compound manufactured with high-grade oxidized base asphalts. Fortified with SBS rubber.
<u>Mule-Hide #421</u> <i>Manufacturing Location #1</i>	1, 3, 55 gal. & 10.5 ounce caulking tubes	ASTM D 3409 / ASTM D 4586	Asbestos free flashing compound manufactured with high-grade oxidized base asphalts. Fortified with SBS rubber.
<u>Mule-Hide Acrylic Roof Coating</u> <i>Manufacturing Location #1</i>	1, 5, 55 gal. & quart tubes	ASTM D 6083	A styrene acrylic based elastomeric designed specifically to recover, restore, repair or create a roofing system.
<u>Mule-Hide Acrylic Roof Mastic</u> <i>Manufacturing Location #1</i>	1, 5, 55 gal. & quart tubes	TAS 139	A white acrylic based polymer patching compound used for protecting, waterproofing and repairing new or old roofs.
<u>Mule-Hide Fibered Acrylic Roof Mastic</u> <i>Manufacturing Location #1</i>	1, 5 gal. & quart tubes	TAS 139	A fiber fortified, durable white elastomeric flashing compound developed to be a superior reflective material for new roofing, re-roofing and roof maintenance.
<u>Mule-Hide Premium Si Roof Coating</u> <i>Manufacturing Location #1</i>	1, 5, 55 & 275 gal.	ASTM D 6694	A solvent-free, high solids, single-component, silicone moisture cured RTV roof coating.



<u>Mule-Hide Si Roof Coating</u> <i>Manufacturing Location #1</i>	1, 5 & 55 gal.	ASTM D 6694	A solvent based, single-component, silicone moisture cured RTV roof coating.
<u>Mule-Hide Si Mastic</u> <i>Manufacturing Location #1</i>	Tubes, 1, 2, & 5 gal.	ASTM D 412 / ASTM D624 / ASTM D903	A solvent-free, high-solids, single-component, silicone moisture cured RTV roofing cement, mastic, and seam sealer.
<u>Mule-Hide Si Repair Patch</u> <i>Manufacturing Location #1</i>	1, 2, & 5 gal.	ASTM D 412 / ASTM D624 / ASTM D903	A solvent-based, fibrated, single-component, silicone moisture cured RTV roofing cement, mastic, and patch/repair product.
<u>Mule-Hide Acrylic Bleed Blocker Roof Coating</u> <i>Manufacturing Location #1</i>	5 & 55 gal.	Proprietary	Is an acrylic single component, water based primer.
<u>Mule-Hide SEBS TPO Repair Mastic</u> <i>Manufacturing Location #1</i>	1, 5 gal. & quart tubes	TAS 139	A single component block copolymer elastomeric mastic that forms a tough and durable elastomeric membrane.
<u>Mule-Hide SEBS Elasto Roof Coating</u> <i>Manufacturing Location #1</i>	1, 5, 55 gal. & quart tubes	ASTM D 6083	A single component SEBS polymer elastomeric fluid applied coating.
<u>Mule-Hide EPDM Rinseable Primer</u> <i>Manufacturing Location #4</i>	1 & 5 gal.	Proprietary	A rinseable low viscosity, sprayable liquid used as a pre-treatment of black EPDM rubber roof (Single-Ply) membrane prior to power washing and application of Eternalastic coating.
<u>Mule-Hide Si 2-Part Epoxy Roof Primer</u> <i>Manufacturing Location #2</i>	1 & 5 gal. A & B	Proprietary	Two component, 1 to 1 ratio, water based multi-purpose, thixotropic, easy spreading epoxy primer.
<u>Mule-Hide Si TPO Primer</u> <i>Manufacturing Location #3</i>	1 & 5 gal.	Proprietary	Is a green, very thin, water-like fluid, intended to be used over aged/existing TPO.

MANUFACTURING LOCATIONS:

1. Hallandale, FL.
2. Brookfield, WI
3. Waukegan, IL
4. Collegeville, PA
5. Port Arthur, Texas



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name / Report</u>	<u>Date</u>
PRI Asphalt Technologies, Inc.	TRA-116-02-01.2	ASTM D 6083	01/14/16
	TRA-125-02-01	TAS 139	11/19/15
	TRA-125-02-02	TAS 139	11/19/15
	TRA-133-02-01	ASTM D 6083	08/09/16
	TRA-145-02-01	ASTM D 4586	03/07/18
	TRA-147-02-01	ASTM D 4586	08/03/17
	TRA-148-02-01	ASTM D 41	08/03/17
	TRA-151-02-01	ASTM D 4479	08/03/17
	TRA-152-02-01	ASTM D 3019	08/03/17
	TRA-154-02-01	ASTM D 4586 / ASTM D 3409	08/03/17
	TRA-155-02-01	ASTM D 4586 / ASTM D 3409	08/03/17
	TRA-156-02-01	ASTM D 4586 / ASTM D 3409	08/03/17
	TRA-159-02-01	TAS 139	08/07/17
	TRA-160-02-01	ASTM D 4586 / ASTM D 3409	08/03/17
	TRA-162-02-01	ASTM D 2697 / ASTM D 1644	04/23/18
	TRA-163-02-01	ASTM D 2697 / ASTM D 1644	04/23/18
	TRA-164-02-01	ASTM D 6694	03/06/18
	TRA-177-02-01	ASTM D 1475 / ASTM D 2196	02/28/18
	TRA-178-02-01	ASTM D 1475 / ASTM D 2196	02/28/18
	TRA-194-02-01	ASTM D 562	06/22/18
	TRA-227-02-01	ASTM D 6694	01/15/19
	TRA-235-02-01 Rev 2	ASTM D 2824	07/15/19
	TRA-248-02-01	ASTM D 6083 / ASTM C 794	05/08/19
	TRA-249-02-01	ASTM D 1172 / ASTM D 1475	05/08/19
	878T0010	ASTM D 2824	10/1/19
	878T0029	ASTM D 2824	02/10/20
	878T0038	ASTM D 2824	03/30/20



PHYSICAL PROPERTIES OF COMPONENTS:

Trade name:	Mule-Hide #211 Plastic Cement
Application Rate:	This material is applied by trowel or knife at a minimum rate of 1/8" thick, approximately 1 gal/12 sq. ft.
Specifications:	ASTM D 4586 Type I
Description:	All-weather flashing cement that adheres to all surfaces, wet or dry. Blended with select asphalts, cellulose fibers, surfactants, mineral stabilizers, and pure hydrocarbon solvents. Used for protecting, waterproofing, patching and sealing old and new roofs.
Container Size:	1, 5, 55 gallons. Note all cautions on container label.
Trade name:	Mule-Hide #121 Asphalt Primer
Application Rate:	Min. rate 1gal. /100 ft ² for systems approvals.
Specifications:	ASTM D-41
Description:	An asphalt concrete primer used as a bonding coat for prime coating, rust proofing, waterproofing and solidification of dust particles and sealing of porosity prior to application of subsequent materials. Apply cold to concrete, felt, plastics, gypsum, glass, wood or metals.
Container Size:	1, 5, 55 gallons. Note all cautions on container label.
Trade name:	Mule-Hide #406 Standard Fibrated Aluminum Roof Coating Mule-Hide #401 Premium Fibered Aluminum Roof Coating
Application Rate:	Min. rate 1gal. /100 ft ² for systems approvals.
Specifications:	ASTM D 2824 Type III
Description:	Asbestos free, heavy duty, fibered aluminum asphalt coating that provides reflectivity while ensuring protection against moisture and corrosion. Do not work coating excessively during application. Attempt to brush or roll on in one direction. Can be used on all types of roofs, well suited for modified bitumen.
Container Size:	1, 5, 55 gallons. Note all cautions on container label.
Trade name:	Mule-Hide #416 Standard Non-Fibered Aluminum Roof Coating Mule-Hide #410 Premium Non-Fibered Aluminum Roof Coating
Application Rate:	Min. rate 1gal. /100 ft ² for systems approvals.
Specifications:	ASTM D 2824 Type I
Description:	A brilliant, durable paint designed to withstand extreme weather conditions. This product uses paint grade aluminum paste and a leafing finish. For use on roofs of all types, storage tanks, masonry surfaces, and structural steel. It also is a rust and corrosion resistant coating for all types of metal surfaces. Application of this product may be done with a mop, brush or spray equipment.
Container Size	1, 5, 55 gallons. Note all cautions on container label.



Trade name: **Mule-Hide #102 Fibrated Roof Coating**
Application Rate: Min. rate 1gal. /100 ft² for systems approvals.
Specifications: ASTM D 4479
Description: Asbestos free liquid asphalt waterproofing fortified with mineral fibers. Remove loose gravel and dirt before application and make sure surface is clean and dry. Adheres to any solid surface, concrete, all metals, wood, felt, plastics and glass. Applied cold with brush or mop.
Container Size: 1, 5, 55 gallons. Note all cautions on container label.

Trade name: **Mule-Hide #420 Mod Bit Adhesive Brush Grade**
Application Rate: Apply with 1/8"-1/4" notched squeegee, standard roofing brush or roller at an approximate rate of 1 to 1 ½ gal/100 sq. ft. Overlaps should be 4" wide.
Specifications: ASTM D 3019 Type III
Description: Asbestos free rubberized adhesive made from oxidized base asphalts, blended with a high concentration of SBS rubber and reinforcing fibers. For use in applying modified adhesive sheets. Also recommended for applying glass base ply, as lap cement. Surface must be clean and dry before application.
Container Size: 1, 5, 55 gallons. Note all cautions on container label.

Trade name: **Mule-Hide #231 Flashing Cement**
Application Rate: Applied with a trowel or knife at a minimum rate of 1/8" thick, approximately 1 gal/12 sq. ft.
Specifications: ASTM D 4586, ASTM D 3409
Description: An asbestos free asphaltic base, multipurpose plastic roof cement for repairing leaks, cracks, and holes in concrete, steel, or metal roofs. For use on all flashing around skylights, gutters, and in all crevices. It can also be applied as a heavy-duty foundation coating.
Container Size: 10.5 tubes; 1, 5, 55 gallons. Note all cautions on container label.

Trade name: **Mule-Hide #241 Premium Modified Flashing Cement**
Application Rate: This material is applied by trowel at a minimum rate of 1/8" thick, approximately 1 gal/12 sq. ft.
Specifications: ASTM D 4586, ASTM D 3409
Description: A polymer modified Mastic that is used on wet/dry roof surfaces.
Container Size: 1, 3, 5 gallons. Note all cautions on container label.



Trade name: **Mule-Hide #221 Wet/Dry Cement**
Application Rate: Applied with a trowel or knife at a minimum rate of 1/8" thick, approximately 1 gal/12 sq. ft.
Specifications: ASTM D 4586, ASTM D 3409
Description: An asbestos free asphaltic base, multipurpose plastic roof cement for repairing leaks, cracks, and holes in concrete, steel, or metal roofs. For use on all flashing around skylights, gutters, and in all crevices. It can also be applied as a heavy-duty foundation coating.
Container Size 1, 5, 55 gallons. Note all cautions on container label.

Trade name: **Mule-Hide Acrylic Roof Mastic**
Application Rate: This material is applied by trowel or brush at a minimum rate of 1/8" thick.
Specifications: TAS-139
Description: A white acrylic based polymer patching compound used for protecting, waterproofing and repairing new or old roofs.
Container Size: 1, 5, 55 gallons and quart tubes. Note all cautions on container label.

Trade name: **Mule-Hide #251 Premium Wet/Dry Elastomeric Flashing Cement**
Mule-Hide #421 Mod Bit Flashing Adhesive Trowel Grade
Application Rate: Applied with a trowel at a minimum rate of 1/8" thick, approximately 1 gal/12 sq. ft.
Specifications: ASTM D 4586, ASTM D 3409
Description: Asbestos free flashing compound manufactured with high-grade oxidized base asphalts. Fortified with SBS rubber. Special surfactants make this product applicable in any climate or weather. Manufactured to adhere to all solid surfaces, wet or dry. For use in repairing, sealing, or adhering to all types of roofing. A trowel grade modified adhesive as well as flashing cement. Uses include fixing leaks around vent pipes, skylights, valleys, chimneys, joints, starting shingles as well as patching small holes. May be used to repair modified asphalt sheets as well as conventional roofing. Not for use on coal tar roofs.
Container Size: 1, 3, 55 gallons and 10.5 ounce caulking tubes.

Trade name: **Mule-Hide Acrylic Roof Coating**
Application Rate: This material is applied by spray equipment, roller, knife or brush.
Specifications: ASTM D 6083
Description: A styrene acrylic based elastomeric designed specifically to recover, restore, repair or create a roofing system. Used for protecting, waterproofing, patching and sealing new and old roofs.
Container Size: 1, 5, 55 gallons and quart tubes. Note all cautions on container label.



Trade name: Mule-Hide SEBS Elasto Roof Coating

Application Rate: See System Approvals Below

Specifications: ASTM D 6083

Description: A professional grade single component SEBS polymer elastomeric fluid applied coating with brilliant solar reflective properties, provides excellent elongation, cold weather pliability, as well as weatherproofing and waterproofing resistance.

- **Galvanized Steel:** Recommended application of two (2) one (1) gallon coats are required per 100 sq. ft.
- **Modified Bitumen SBS (mineral surface):** First apply Mule-Hide Si 2-Part Epoxy Roof Primer two (2) part primer (Mule-Hide Si 2-Part Epoxy Roof Primer A and Mule-Hide Si 2-Part Epoxy Roof Primer B) mixed 1:1 and applied at 1 gallon 100 square feet. Recommended application of two (2) one (1) gallon coats are required per 100 sq. ft.
- **Modified Bitumen SBS (smooth surface):** First apply Mule-Hide Si 2-Part Epoxy Roof Primer two (2) part primer (Mule-Hide Si 2-Part Epoxy Roof Primer A and Mule-Hide Si 2-Part Epoxy Roof Primer B) mixed 1:1 and applied at 1 gallon 100 square feet. Recommended application of two (2) one (1) gallon coats are required per 100 sq. ft.
- **Modified Bitumen APP (mineral surface):** First apply Mule-Hide Si Epoxy Roof Primer two (2) part primer (Mule-Hide Si 2-Part Epoxy Roof Primer A and Mule-Hide Si 2-Part Epoxy Roof Primer B) mixed 1:1 and applied at 1 gallon 100 square feet. Recommended application of two (2) one (1) gallon coats are required per 100 sq. ft.

For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

Container Size: 1, 5, 55 gallons and quart tubes. Note all cautions on container label.

Trade name: Mule-Hide SEBS TPO Repair Mastic

Application Rate: Apply at a minimum rate of 25-30 linear feet per gallon with a 4" to 6" wide 1/8" thick application.

Specifications: TAS 139

Description: A single component block copolymer elastomeric mastic that forms a tough and durable elastomeric membrane. Exceptional elongation properties, cold weather pliability, excellent weather and water resistance, good chemical resistance and is highly reflective.

Container Size: 1, 5 gallons and quart tubes. Note all cautions on container label.

Trade name: Mule-Hide Fibered Acrylic Roof Mastic

Application Rate: Apply at a minimum rate of 25-30 linear feet per gallon with a 4" to 6" wide 1/8" thick application. For systems approvals, refer to specific Roof Assembly, Product Control Notice of Acceptance.

Specifications: TAS 139

Description: A fiber fortified, durable white elastomeric flashing compound developed to be a superior reflective material for new roofing, re-roofing and roof maintenance.

Container Size: 1, 5 gallons and quart tubes. Note all cautions on container label.



Trade names: **Mule-Hide Premium Si Roof Coating**

Thickness: See scope of use below.

Specifications: ASTM D6694

Description: A solvent-free, high solids, single-component, silicone moisture cured RTV roof coating to be applied to the specified surfaces only as follows:

- **Asphalt Built-Up Roofing Granulated:** Prepare surface as per manufacturer's specification prior to application.

Option 1 – Apply Mule-Hide Premium Si Roof Coating directly to the substrate at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

Option 2 – Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Mule-Hide Acrylic Bleed Blocker to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **SBS Modified Bitumen Granulated:** Prepare surface as per manufacturer's specification prior to application.

Option 1 – Apply Mule-Hide Premium Si Roof Coating directly to the substrate at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT)

Option 2 – Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Mule-Hide Acrylic Bleed Blocker to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT)

- **SBS Modified Bitumen Smooth:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Mule-Hide Acrylic Bleed Blocker to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **APP Modified Bitumen Granulated:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Mule-Hide Acrylic Bleed Blocker to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **APP Modified Bitumen Smooth:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Si Epoxy Roof Primer at a minimum rate of 0.25 gallons per 100 ft² or 3 mils Dry Film Thickness (DFT). Allow Epoxy Primer to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).



- **Spray Polyurethane Foam:** Prepare surface as per manufacturer's specification prior to application. Then apply Mule-Hide Premium Si Roof Coating directly to the substrate at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **TPO Single Ply Membrane:** Prepare surface as per manufacturer's specification prior to application.

Option 1 – Apply Mule-Hide Si TPO Primer at a maximum rate of 0.125 gallons per 100 ft² or less than 1 mil Dry Film Thickness (DFT). Allow TPO Primer to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT)

Option 2 – Apply Mule-Hide Si Epoxy Roof Primer at a minimum rate of 0.25 gallons per 100 ft² or 3 mils Dry Film Thickness (DFT). Allow Epoxy Primer to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **PVC Single Ply Membrane:** Prepare surface as per manufacturer's specification prior to application.

Option 1 – Apply Mule-Hide Premium Si Roof Coating directly to the substrate at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

Option 2 – Apply Mule-Hide Si Epoxy Roof Primer at a minimum rate of 0.25 gallons per 100 ft² or 3 mils Dry Film Thickness (DFT). Allow Epoxy Primer to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **EPDM Single Ply Membrane:** Prepare surface as per manufacturer's specification prior to application with Mule-Hide EPDM Rinseable Primer. The EPDM Rinseable Primer must be pressure washed twice and completely removed from the substrate prior to coating application. Then apply Mule-Hide Premium Si Roof Coating directly to the substrate at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **Hypalon Single Ply Membrane:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Si Epoxy Roof Primer at a minimum rate of 0.25 gallons per 100 ft² or 3 mils Dry Film Thickness (DFT). Allow Epoxy Primer to fully cure, then apply Mule-Hide Premium Si Roof Coating at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **Galvanized Steel:** Prepare surface as per manufacturer's specification prior to application. Then apply Mule-Hide Premium Si Roof Coating directly to the substrate at a minimum rate of 1.20 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

Container Size: 1, 5, 55, and 275 gallons. Note all precautions on container.



Trade names: Mule-Hide Si Roof Coating

Thickness: See scope of use below.

Specifications: ASTM D6694

Description: A solvent based, single-component, silicone moisture cured RTV roof coating to be applied to the specified surfaces only as follows:

- **Asphalt Built-Up Roofing Granulated:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Acrylic Bleed Blocker to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **Asphalt Built-Up Roofing Smooth:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Acrylic Bleed Blocker to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **SBS Modified Bitumen Granulated:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Acrylic Bleed Blocker to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **SBS Modified Bitumen Smooth:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Acrylic Bleed Blocker to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **APP Modified Bitumen Granulated:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Acrylic Bleed Blocker Roof Coating at a minimum rate of 1.0 gallon per 100 ft² or 7 mils Dry Film Thickness (DFT). Allow Acrylic Bleed Blocker to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **TPO Single Ply Membrane:** Prepare surface as per manufacturer's specification prior to application.
 - Option 1 – Apply Mule-Hide Si TPO Primer at a maximum rate of 0.125 gallons per 100 ft² or less than 1 mil Dry Film Thickness (DFT). Allow TPO Primer to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT)
 - Option 2 – Apply Mule-Hide Si Epoxy Roof Primer at a minimum rate of 0.25 gallons per 100 ft² or 3 mils Dry Film Thickness (DFT). Allow Mule-Hide Si Epoxy Roof Primer to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

- **PVC Single Ply Membrane:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Si Epoxy Roof Primer at a minimum rate of 0.25 gallons per 100 ft² or 3 mils Dry Film Thickness (DFT). Allow Mule-Hide Si Epoxy Roof Primer to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **EPDM Single Ply Membrane:** Prepare surface as per manufacturer's specification prior to application with Mule-Hide EPDM Rinseable Primer. The EPDM Rinseable Primer must be pressure washed twice and completely removed from the substrate prior to coating application. Then apply Si Roof Coating directly to the substrate at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **Hypalon Single Ply Membrane:** Prepare surface as per manufacturer's specification prior to application. Apply Mule-Hide Si Epoxy Roof Primer at a minimum rate of 0.25 gallons per 100 ft² or 3 mils Dry Film Thickness (DFT). Allow Epoxy Primer to fully cure, then apply Si Roof Coating at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **Galvanized Steel:** Prepare surface as per manufacturer's specification prior to application. Then apply Si Roof Coating directly to the substrate at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).
- **Concrete:** Prepare surface as per manufacturer's specification prior to application. Then apply Si Roof Coating directly to the substrate at a minimum rate of 1.60 gallons per 100 ft² or 18 mils Dry Film Thickness (DFT).

Container Size: 1, 5, and 55 gallons. Note all precautions on container.

Trade names: **Mule-Hide Si Mastic**

Application Rate: This material is applied by trowel or brush at a coverage rate of 80-120 linear feet.

Specifications: ASTM D412, ASTM D624, ASTM D903

Description: A solvent-free, high-solids, single-component, silicone moisture cured RTV roofing cement, mastic, and seam sealer.

Container Size: Tubes, 1, 2, and 5 gallons. Note all precautions on container.

Trade names: **Mule-Hide Si Repair Patch**

Application Rate: This material is applied by trowel or brush at a coverage rate of 80-120 linear feet.

Specifications: ASTM D412, ASTM D624, ASTM D903

Description: A solvent-based, fibrated, single-component, silicone moisture cured RTV roofing cement, mastic, and patch/repair product.

Container Size: 1, 2, and 5 gallons. Note all precautions on container.



LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Mule-Hide Products Co., Inc. listed herein shall not be applied in inclement weather conditions.
3. The product listed herein are components of roof assemblies and are approved for use with roof assemblies that list any of the products listed herein as part of their roof assemblies Notice of Acceptance. If a product is not listed as part of roof assemblies Notice of Acceptance, a request may be made to the local building official or the Miami Dade County Product Control Section for approval provided that appropriate documentation is provided.
4. All products listed herein shall have an unannounced follow-up quality control program from an approved listing agency, and shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code. Follow up test results shall be made available to Miami-Dade Product Control Section upon request.
5. Change in materials, use, or manufacture of any of the products listed herein shall be cause for termination of this Notice of Acceptance.
6. The maintenance coating systems listed herein shall not be applied over prepared roofing; i.e., fiber-cement shingles, quarry slate, cement or clay roof tile, metal shingles, wood shingles or shakes.
7. Mule-Hide Products Co., Inc. Cements and Coatings shall be applied in accordance with current application instructions published by the manufacturer.
8. All approved products listed herein shall be labeled in compliance with TAS 121 and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE

