

#416 Standard Non-Fibrated Aluminum Roof Coating



The Right Choice for Low-Slope Roofing Products

800-786-1492 • mulehide.com

Rugged • Time Tested • Weather Tested

Product Description

Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating delivers high-performance protection for asphalt-based roofing systems, extending their service lives by shielding them from damaging heat, ultraviolet light, mold, fungus and rust. The heavy-bodied coating delivers excellent reflectivity. It is easier to spread and provides greater coverage than fibrated aluminum roof coatings.

- Designed for application over new or existing APP or SBS modified bitumen cap sheets (smooth and granulated), asphalt built-up roofs and flashings.
- Can be used to coat a variety of other substrates, including storage tanks, masonry surfaces, and structural steel.
- Should only be applied to areas with positive drainage.
- **Product must be mixed very well with a power drill until coating appears silver. Hand mixing is not satisfactory. Average mix time per bucket should be approximately 2 minutes.**

Features & Benefits

- Good coverage rates over asphalt roofs
- Contains aluminum paste to protect the roof from rust, fungus, and mold.
- Forms a strong bond with the base material.
- Offers excellent weathering characteristics and will not prematurely crack or dry out.
- Does not damage conventional asphalt-based roofing membranes



Packaging: 4.7 Gallon Pail,
55 Gallon Drum

Application Methods:



Code Approvals/Compliance:



Physical Property Information	
Property	Value
Maximum VOC	500 G/L
Consistency	Thick Black Liquid
Weight	7.8 lbs. per gallon
Flash Point (T.C.C)	107°F+
Dry Film Characteristics	Firm, Non-Tacky
Appearance	Bright Aluminum
Drying Time	1-2 hours to touch

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Used as a component within these systems:

Mod Bit

M&R

Frequently Asked Questions

1. When should Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating be used vs. Mule-Hide #406 Standard Fibrated Aluminum Roof Coating? Why?

For contractors seeking a quality, best-value aluminum roof coating, Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating offers exceptional performance. The #410 Premium Non-Fibrated Aluminum Roof Coating should be considered when optics and aesthetics are the paramount objective.

2. What are the coverage rate and spray tip sizes for Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating?

The coverage rate for Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating is approximately 1 to 1.5 gallons per 100 sq. ft. The spray requirements are 3,000 psi at 1.5 gallons per minute. Tip size = 0.033 to 0.067, Fan = 6 inches. (All values are approximate and may vary with ambient temperature and job conditions.)

3. How is Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating applied?

Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating can be applied using a high-pressure sprayer, a roller, or a brush.

4. Can Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating be applied to single-ply roofing systems?

NO. DO NOT apply Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating to PVC, TPO, EPDM or other single-ply roofing membranes.

5. What is the shelf life of Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating?

With proper storage, the shelf life of Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating is 24 months from the date of manufacture..

6. At what temperature should Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating be stored?

Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating should be stored at a temperature of at least 45°F but not above 120°F. It should be stored at room temperature for at least 24 hours prior to use.

7. In what weather conditions can Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating be applied?

Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating should only be applied when the ambient temperature is at least 50°F and rising. Cold weather can result in uneven application and improper curing, and it will cause the product to stiffen, making application more difficult. Do not apply Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating if there is a threat of inclement weather within 24 hours of application.



Mule-Hide #416 Standard Non-Fibrated Aluminum Roof Coating being applied with a roller.

The information herein should not be considered all-inclusive and should always be accompanied by a review of the Mule-Hide specifications and guidelines and good application practices.

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