

# #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

MuleHide #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

### 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



**Packaging:** 4.7 Gallon Pail,  
55 Gallon Drum

## Application Methods:



## Code Approvals/Compliance:



D2824 Type I

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Used as a component within these systems:

Mod Bit

M&R

## Frequently Asked Questions

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

For contractors seeking a quality, best-value aluminum roof coating, MuleHide #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 MuleHide #416 Standard Non-Fibrated Aluminum Roof Coating?**

The coverage rate for MuleHide #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 MuleHide #416 Standard Non-Fibrated Aluminum Roof Coating applied?**

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

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

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

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

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

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

MuleHide #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 MuleHide #416 Standard Non-Fibrated Aluminum Roof Coating be applied?**

MuleHide #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 MuleHide #416 Standard Non-Fibrated Aluminum Roof Coating if there is a threat of inclement weather within 24 hours of application.



MuleHide #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 MuleHide specifications and guidelines and good application practices.

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