

## PRODUCT DATA SHEET

### A-125 METAL ROOF PRIMER

#### DESCRIPTION

Mule-Hide A-125 METAL ROOF PRIMER ("A-125") is a modified acrylic, high solids, zinc-rich primer that totally encapsulates existing rust and inhibits the development of new rust. A-125 provides excellent adhesion for subsequent coats on metal roofs.

#### BASIC USES

Primary use of this product is as a primer in the waterproofing and rust proofing of metal roof panels. Mule-Hide A-125 is designed to provide excellent adhesion to problem metal surfaces while it encapsulates rust.

#### TYPICAL PHYSICAL PROPERTIES

Weight / Gallon	9.9 +/- 0.2 lbs.
Solids	
(% by weight)	46.5 +/- 3
(% by volume)	35.1 +/- 3
Viscosity - cps	3190 +/-1000
- KU	105 +/- 5
pH	8.5-9.3
Service Temperature Range	-45 °F to 200 °F
Application Temperature Range	40 °F to 100 °F
V.O.C. Content:	72.9 grams/liter

#### CURED FILM PROPERTIES

<u>Property</u>	<u>Test Method/Condition</u>	<u>Result</u>
Approximate Drying Time to Recoat	75 °F @ 50% rel.hum.	6 hours
Hardness, Shore A	ASTM D2240	70 +/- 5
Weathering Resistance	5000 hrs. Atlas Weatherometer	No effect

#### COLORS

The standard color is dark yellow.

#### PACKAGING

Packaging is standard in 5-gallon pails and 55-gallon drums.

#### APPLICATION

**ALWAYS TEST FOR PROPER ADHESION.** Mule-Hide recommends a jobsite adhesion test be performed. If in doubt as to the compatibility of the coating and substrate, allow a minimum six-day cure. All surfaces to be primed must be clean, dry, and free of oil, grease or dirt. Various sound and tightly adhered existing coatings may not require the use of A-125, such as fibrated and non-fibrated aluminum roof coatings or existing acrylic coatings. (For more information regarding the use of A-125 over existing coatings contact Mule-Hide Technical Services)

Form # PDS A-125  
Date 08/2004

### **MULE-HIDE PRODUCTS CO., INC.**

P.O. Box 1057, Beloit, WI 53512-1057 • 608/365-3111 • Fax: 608/365-7852

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#### APPLICATION (continued)

Before application, any loosely adhered materials must be removed and surfaces must be properly cleaned. Mule-Hide A-125 should be applied at a rate of 0.5 gallons per 100 square feet (approximately 8 wet mils or 2.8 dry mils thick). After installation of A-125 there should be no visible rust. If more product is required to cover rust, the additional product should be applied in multiple coats not exceeding .05 gal. per 100 sq ft per coat. Applying the A-125 at coverage rates higher than 0.5 gal per 100 square feet in one coat can result in surface splitting and blistering due to trapped moisture.

Mule-Hide recommends a minimum of 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.

Cool temperatures and high humidity are factors that may retard curing, which can result in longer cure times between coats.

Conversely, applying the product too thick in high temperatures may also result in splitting and blistering. For applications in higher temperatures (above 90 °F) Mule-Hide recommends application in multiple thin coats to prevent trapped moisture problems.

Commencement of work by the contractor implies his approval of the deck surface.

#### CLEAN UP

Equipment clean up is simple using Mule-Hide 115 CLEANER and water while the product is still wet. Thoroughly rinse all hoses and spray equipment at the end of each day and make sure all materials, debris, and containers are removed from the job site and properly store or discard.

#### TECHNICAL SERVICE

Contact Mule-Hide Products Company at 800/786-1492 for technical service information.

**PRIOR TO USE OF THIS MATERIAL, READ ALL APPROPRIATE MATERIAL SAFETY DATA SHEETS AND WARNINGS.**

#### DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate. 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 make nor does it authorize anyone to make any warranty of merchantability or fitness for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Mule-Hide's physical properties. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury of 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 complaint or failure before repairs are made.

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