



# Product Data Sheet

## A-125 METAL ROOF PRIMER

### DESCRIPTION

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

### TYPICAL PHYSICAL PROPERTIES

Property	Method	Value
Viscosity	ASTM D2196	10,000 cps
Solids by Weight	ASTM D1644	50%
Solids by Volume	ASTM D2697	38%
Weight per Gallon	ASTM D1475	10.4 lbs.
VOC	EPA 24	<25 g/l

\*Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.



### USES

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

### COLORS

The standard color is dark yellow.

### PACKAGING

Packaging is standard in 4.75 gallon pails and 50 gallon drums.

### STORAGE & HANDLING

All materials shall have proper identification & labels. All containers must have airtight unbroken seals or unopened containers. All materials must be stored in a secure area to prevent theft, damage, or vandalism. Any containers without proper manufacturer's identification will not be acceptable. All materials at jobsite must have proper SDS Sheets available at the project site. All materials are to be stored at not less than 45°F. Shelf life is 12 months with proper storage and handling.

**ALL ACRYLIC COATINGS MUST BE PROTECTED FROM FREEZING AT ALL TIMES.**

### APPLICATION EQUIPMENT

Application may be by brush, roller, or airless spray.

1. Brush: Suitable for small areas and flashings. Use a synthetic bristle paint brush.
2. Roller: Recommended when coating small areas. Use a long (1.25") napped roller.
3. Airless Spray Equipment: The following spray equipment is recommended by Mule-Hide.
4. Basic application rate is 0.7 gallons per 100 square feet (8 wet mils)



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### APPLICATION EQUIPMENT (continued)

#### **PUMP**

The pump should be capable of producing a minimum material output of 0.75 gallons per minute at 3,000 p.s.i.

#### **HOSES**

Maximum of 300' of high-pressure material hose. Hose ID are available from 1/2" to 1/4" Whip hose length should be one (1) ID size smaller than rest of hose length.

#### **GUN**

The airless spray gun should be equipped with a ball bearing swivel for ease of handling. Recommended orifice size is .015 to .027 inch diameter with a wide-angle fan pattern. A Reverse-A-Clean nozzle is recommended. Exact orifice size will vary with temperature of the material and weather conditions.

### 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)

Before application, any loosely adhered materials must be removed and surfaces must be properly cleaned. 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 .5 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.

### CURED FILM PROPERTIES

Property	Test Method / Condition	Result
Approximate Drying Time to Recoat	75° F @ 50% rel.hum	12 hours
Hardness, Shore A	ASTM D2240	70 +/- 5



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### **CLEAN UP**

Equipment clean up is simple using 115 CLEANER by Mule-Hide 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.

### **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](http://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. 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.