



# Product Data Sheet

## A-200 FLASHING GRADE

### DESCRIPTION

A-200 FLASHING GRADE ("A-200") by Mule-Hide sealant is a highly flexible acrylic based elastomeric flashing grade sealant. A-200 exhibits exceptional thixotropic properties and will retain its superior flexibility over a broad range of temperature extremes. Primary use of this product is in the waterproofing and sealing of fasteners, seams, penetrations and end lap joints on metal roofs. Mule-Hide does not require the use of fabric with its A-200 product. A-200 is a brushable or extrudable material.



### TYPICAL PHYSICAL PROPERTIES

Property	Method	Value
Viscosity	ASTM D2196	800,000 cps
Solids by Weight	ASTM D1644	64%
Solids by Volume	ASTM D2697	59%
Weight per Gallon	ASTM D1147	11.2
VOC	EPA24	< 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

A-200 material is used for sealing around fasteners, panel seams, penetrations, and end lap joints. The thixotropic properties of A-200 make it an ideal product to build up an elastomeric seal, filling voids in the substrate. In combination with Mule-Hide's acrylic primers and finish coats, A-200 economically provides a quality, watertight roof system.

### COLORS

The standard color is white.

### PACKAGING

Packaging is standard in 1 gallon pails and 4.75 gallon pails.

### 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 MSDS 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 PRODUCTS MUST BE PROTECTED FROM FREEZING AT ALL TIMES.***  
**APPLICATION EQUIPMENT**

Application with a stiff synthetic bristle, paint brush, or spray equipment extrusion process.



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### 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 METAL ROOF PRIMER such as fibrated and non-fibrated aluminum roof coatings or existing acrylic coatings. (For more information regarding the application of A-125 METAL ROOF PRIMER, reference the A-125 Product Data Sheets)

A-200 sealant shall then be used to encapsulate fasteners, and seal all panel seams, end lap joints and penetrations. Using a brushing motion perpendicular to the seam, force the A-200 between the metal surfaces. A 3" band of A-200 at a thickness of not less than 60 wet mils is then applied over the top of all seams and flashings. Failure to install the minimum thickness of 60 wet mils can result in poor performance of the product. The maximum thickness of A-200 installed in one coat is 120 wet mils, installing A-200 thicker than 120 wet mils could result in surface splitting due to trapped moisture.

Multiple coats should always be applied within 72 hours of each coat to minimize or prevent contamination that would require additional cleaning.

Mule-Hide recommends a minimum of 24 hour cure time between coats. 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.

### Estimating Application Rates

For end & side lap sealing, the coverage rate of 75 to 100 linear feet per gallon of A-200 sealant should be calculated. On cross panel applications (end laps), always add 20% additional material to compensate for panel profile.

For HVAC penetrations, ridge vents, etc., calculate A-200 sealant material usages at 50 to 75 lin. ft. per gal.

Fasteners will require approximately 1 gal. of A-200 sealant material per 300-400 fastener heads.

### Application Temperatures

Temperature of surfaces to be coated should be above 45°F and below 110°F. Do not apply material if there is a chance that ambient temperatures may drop below 45°F within 48 hours after application.

### CURED FILM PROPERTIES

Property	Test Method/Condition	Result
Approximate Drying Time to Recoat	75 °F @ 50% rel.hum.	4-8 hours
Tensile Strength	ASTM D2370	300 +/- 25 psi
Elongation	ASTM D2370	350% +/- 50%
Hardness, Shore A	ASTM D2240	55 +/- 5
Low Temp. Flexibility	ASTM D522 - 0.5" mandrel	PASS



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### **CLEAN UP**

Equipment clean up is simple using 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.

### **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**

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