



Product Data Sheet

A-310 Finish

DESCRIPTION

Rev May 2022

A-310 is a 100% Acrylic based high solids, heavy bodied elastomeric roof coating designed for all common roof substrates. Delivering the highest solids content of Mule-Hide's acrylic coatings, A-310 forms a seamless and flexible layer of protection for your roof. This durable coating is designed to seal and dramatically reduce the surface temperatures. A-310 is formulated with UV reactive chemicals for enhanced film forming characteristics and dirt pickup resistance remaining bright white after weathering.



TYPICAL PHYSICAL PROPERTIES

Property	Method	Value
Solids by Weight	ASTM D1644	69%
Solids by Volume	ASTM D2697	54%
Flash Point	ASTM D56	N/A
VOC	EPA 24	<50 g/l
Tensile Strength	ASTM D2370	250 +/- 25 psi
Elongation	ASTM D2370	185% +/- 50%

*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.

PACKAGING

Packaging is standard in 5-gallon pails, 55-gallon drums or 275-gallon totes.

STORAGE & HANDLING

D.O.T. Classification: Roof Coating, Not Regulated NFMC #170080
DO NOT ALLOW PRODUCT TO FREEZE

PREPARATION

- Surface must be clean and dry, free of moisture both on and beneath the surface.
- Sweep roof thoroughly to remove as much dust, dirt and debris as possible. Use wire brush to remove rust and scale from metal.
- After careful inspection of entire roof, repair all holes, cracks, tears or breaks with A-200 Flashing Grade

APPLICATION

- Apply on warm, sunny days, preferably in the morning hours to provide maximum cure time.
- A-310 can be applied to a dry or slightly damp, but not wet, surface.
- Water must be swept out of all puddles prior to application of A-310.
- Stir A-310 thoroughly before application to achieve a uniform consistency.
- Apply with a heavy duty paint roller or heavy-duty spray equipment. When applied with roller or brush strokes should be kept in one direction.
- Apply second coat perpendicular to the first. Allow at least 4 hours between coats and 24-48 hours for full cure, dependent upon weather conditions.
- Relative humidity will directly affect drying/curing time. Avoid over application.
- DO NOT HEAT CONTAINER. DO NOT THIN

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COVERAGE

- Proper application over smooth surface will cover approximately 100 square feet per 1.5 gallons of coating, depending upon roof porosity.
- Two coats are required, for a minimum total of 3 gallons per 100 square feet.

PRECAUTIONS

- DO NOT APPLY IF TEMPERATURE IS BELOW 55° F or above 110°F. DO NOT APPLY IF THERE IS A THREAT OF RAIN OR DEW WITHIN 48-72 HOURS.
- Be sure the lid is tight and the pail is secured when transporting this product.
- Do not allow pail to tumble as this may loosen the lid and allow leakage or spillage to occur.
- DO NOT ALLOW PRODUCT TO FREEZE.
- Do not heat container or store at temperatures greater than 120°F.
- This coating is not recommended for areas with inadequate drainage (ponding water), over gravel, over walking decks, or old roofs that are too brittle and dry.
- DO NOT APPLY TO FLAT SURFACES WITH POOR DRAINAGE OR WHERE PONDING WATER WILL EXIST.

RADIATIVE PROPERTIES

DESCRIPTION	TEST METHOD	VALUE
CRRS SRI (Solar Reflectance Index)	ASTM E1980	109

CLEAN UP

Clean tools with mineral spirits or paint thinner, if coating has dried. If coating is still wet, clean up with warm soapy water.

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 for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

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