



Product Data Sheet

A-400-W MASONRY WALL COATING

DESCRIPTION

A-400-W MASONRY WALL COATING ("A-400-W") by Mule-Hide is a tough, elastic, acrylic coating for exterior masonry surfaces. A-400-W has an exceptional balance of elongation and tensile strength that permits it to "bridge" minor cracks up to 1/16" that form in the substrate before and after the coating has been applied. Mule-Hide A-400-W will not wrinkle or split when temperature changes cause cracks to expand and contract up to 1/16". The formulation is based on chemistry that imparts excellent dirt resistance despite the soft, flexible nature of the film.

Revision Date: April 2019



TYPICAL PHYSICAL PROPERTIES

Property*	Method	Value
Viscosity	ASTM D2196	60,000 cps
Solids by Weight	ASTM D1644	64%
Solids by Volume	ASTM D2697	52%
Weight per Gallon	ASTM D1475	11.7 lbs.
Flash Point	ASTM D56	NA
VOC	EPA 24	18 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-400-W is designed to provide a flexible, protective waterproofing membrane over various substrates including concrete, stucco, block, and other exterior masonry walls.

COLORS

A-400-W is available in five standard colors, White, Beige, Tan, Light Gray and Dark Gray.

PACKAGING

Packaging is standard in 5 gallon pails, 50 gallon drums and 275 gallon reusable totes.

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 A-SERIES COATINGS MUST BE PROTECTED FROM FREEZING AT ALL TIMES.

PROTECTION & SAFETY

Protect all areas not scheduled to be finished or coated by masking or covering to prevent over spray or accidental coating. The contractor will be responsible for any material spills, spray drift, or over spray.

Mule-Hide recommends that applicators wear sun glasses when applying the finish coating in bright sun shine.

ALWAYS MAKE SURE ALL WORK ENVIRONMENTS COMPLY WITH OSHA STANDARDS.

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APPLICATION EQUIPMENT

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

1. Brush: Suitable for small areas and touch-ups. Use a synthetic bristle brush.
2. Roller: Suitable for smaller areas. Use a medium to long napped roller cover.
3. Airless Spray Equipment: The following spray equipment is recommended by Mule-Hide.

Pump

The pump should be capable of producing a minimum material output of 1 (one) gallon per minute at 3000 psi.

Gun

The airless spray gun should be equipped with a ball bearing swivel for ease of handling. Recommended orifice size is .25" to 0.35" diameter with a wide angle fan pattern. Exact orifice size will vary with the temperature of the product and the weather conditions. A Reverse-A-Clean nozzle is recommended and the filter screen should be removed.

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

APPLICATION

Prior to the application of any Mule-Hide Coatings, always read all pertinent use, storage, application and safety data.

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.

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.

Check weather conditions prior to start of work. Mule-Hide Acrylic Coatings require complete evaporation of water to cure. Cool temperatures and high humidity retard cure. Do not apply if weather conditions will not permit complete cure before rain, dew or freezing temperatures.

For proper spray equipment, always refer to the Mule-Hide Airless Spray Equipment Requirement Chart.

New concrete must cure for a minimum of 28 days before applying A-400-W.

Properly clean wall surface with 115 CLEANER and rinse well. Fill all cracks larger than 1/16" up to a maximum width of 1/8" with A-200 FLASHING GRADE and feather all edges. Use the masonry industry's standard repair procedures for repairing large cracks or repairing broken blocks. Apply A-400-W in two coats; the first coat shall be applied at the minimum rate of 1 gal per 100 square feet with a maximum rate of 2 gallons per 100 square feet. After a minimum of 12 hours cure time, but before 72 hours, apply the second coat of A-400-W perpendicular to the first coat at the minimum rate of 1 gal per 100 square feet. The finished coverage must be a minimum rate of 2 gal per 100 square feet. Coverage rates may vary with surface texture and porosity. Cool temperatures and high humidity retard cure, which can result in longer cure times between coats.

Note: Applying the A-400-W in one coat higher than 2-gal per square can result in runs or sags and surface splitting.

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CURED FILM PROPERTIES

Property*	Test Method / Condition	Result
Approximate Drying Time to Recoat	75° F @ 50% RH	12 hours
Tensile Strength	ASTM D2370	275 +/- 25 psi
Elongation	ASTM D2370	240% +/- 50%
Hardness, Shore A	ASTM D2240	60 +/- 5
Low Temp. Flexibility	ASTM D522 - 0.5" mandrel	PASS
Weathering Resistance	1000 hrs. Atlas Weatherometer	No effect
Water Permeability	ASTM D1653	< 50 perms
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CLEAN UP

Clean up can be made using a mild detergent and water solution while coating is still wet; 115 CLEANER is recommended. Thoroughly rinse all hoses and spray equipment at end of the day. Make sure all materials; debris, containers, etc. are removed from work area and properly disposed.

MATERIAL WARRANTIES

Mule-Hide offers Material Only Warranties for A-400-W for a period of five, and ten years against manufacturing defects and premature deterioration to the point of failure. Substrate preparation and material application must be in accordance with Mule-Hide recommendations and procedures. A-400-W shall be applied at a minimum finished coverage rate of 2 gallons per 100 square feet for the 5-year, and 3 gallons per 100 square feet for the 10-year. Coverage rates may vary with surface texture and porosity. The Contractor must complete and submit a warranty application prior to the start of the project. Upon confirmation of the completion of the project and proof of purchase, the requested 5 or 10-year material warranty can be issued.

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.

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. This product may be eligible for a Mule-Hide warranty, please check the Mule-Hide website at www.mulehide.com or contact Mule-Hide directly at 800-786-1492 for details. 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.