



Product Data Sheet

A-310 Finish

DESCRIPTION

Rev Mar 2023

A-310 Finish is an Elastomeric Roof Coating specially developed for application over new Sprayed Polyurethane Foam (SPF) roof systems. Formulated for superior adhesion over foam. Employs a highly flexible acrylic polymer for enhanced thermal expansion and contraction capabilities typical of roofing foam surfaces.



TYPICAL PHYSICAL PROPERTIES

| Property | Test Method | Test Value |
|--|-------------|-----------------|
| Viscosity (cP) | ASTM D2196 | 28,000 – 58,000 |
| Volume Solids (%) | ASTM D2697 | 50 ± 2 |
| Weight Solids (%) | ASTM D1644 | 55 ± 2 |
| Elongation (%) | ASTM D2370 | 200 ± 25 |
| Tensile Strength (psi) | ASTM D2370 | 225 ± 25 |
| Permeance (perms) | ASTM D1653 | 18 ± 2 |
| Water Swell (%) | ASTM D471 | 9 ± 1 |
| Tear Resistance (lbf/in) | ASTM D624 | 60 ± 5 |
| Accelerated Weathering (1,000 hrs) (no cracking; no checking) | ASTM D4798 | PASS |
| Adhesion (pli) (Over approved substrates) | ASTM C794 | PASS |
| Fungi resistance (rating) | ASTM G21 | 0 (PASS) |
| Low Temp Flexibility after 1000 hours weathering (1/2" mandrel at -26°C) | ASTM D522 | PASS |
| Weight per Gal (lb) | ASTM D2939 | 10.1 ± 0.25 |
| VOC (gm/L) | Calculated | < 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 and 275-gallon totes. Available in White, Kool Grey, and Standard Tan

FEATURES AND BENEFITS

- Extends the useful life of the roof
- UV resistant
- Decreases roof surface temperature, which can reduce energy costs
- Resistant to dirt pick up
- Low VOC and non-flammable

APPLICATION INSTRUCTIONS

Surface Preparation

- All surfaces to receive coating must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products. Metal surfaces that display rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminants.
- Visually inspect existing roof systems for conditions that may adversely affect adhesion or performance of newly installed products. Repair any visible deficiencies such as splitting, blistering, and buckling with A-200 Flashing Grade and Polyester Reinforced Fabric.
- Repair metal and non-metal flashings, edges, drains, valleys, and through-roof penetrations.
- Do not apply to wet or visibly damp surfaces, or surfaces previously covered with coal tar-based products or Kynar® finishes.

Product Data Sheet

A-310 Finish

- Any substrate where there is a question related to the ability of a Mule-Hide coating to properly adhere should have an adhesion test performed following the procedures in Mule-Hide Technical Bulletin 07-1803.

Application

- Mix well prior to application.
- A-310 Finish may be applied by high pressure spray, roller, or brush application methods.
- Apply A-310 Finish at 24 wet mils (1.5 gallons per 100 square feet) per coat. Typical application conditions require A-310 Finish be applied in two coats at 24 wet mils per coat.
- Allow coating to dry overnight prior to applying second coat.
- To minimize potential voids or pinholes in coating application, apply second coat perpendicular to the first.
- Apply only when ambient temperatures are 50°F and rising. Cold weather could result in uneven application and improper curing of product. Do not apply if there is a threat of inclement weather within 24 hours of application.
- Do not thin product. Do not heat outside of container.
- Coatings should be applied when ambient and substrate temperatures are 50°F and rising and never applied when temperatures are greater than 120°F. This includes temperatures during nighttime.
- Coatings should not be applied to roof surfaces that are over 140°F.
- Check weather conditions prior to start of work. Acrylic Coatings require the 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.
- Cool temperatures and high humidity are factors that may delay curing, which can result in longer cure times between coats.

STORAGE AND CLEANING

- Shelf life is 18 months if stored in original unopened containers.
- All containers should be sealed when not in use.
- **Keep from freezing.**
- Store between 40°F and 100°F.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Clean hands with waterless hand cleaner.
- Application tools and equipment can be cleaned with lukewarm water and soap, followed by a rinse of isopropanol, acetone, or Simple Green® or 115 cleaner and thoroughly rinsed. Recirculate through lines and gun until residual coating is removed.
- DO NOT USE MINERAL SPIRITS, XYLENE, TOLUENE, OR VMP & NAPHTHA SOLVENTS.

For Professional Use Only - Keep out of the reach of children.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

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

Product Data Sheet

A-310 Finish

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.