

Acrylic Top Coat

Technical Product Data



Product Use & Description

Marlin Acrylic Top Coat is a premium 100% acrylic elastomeric coating. This is a one component, plasticizer free, water based product designed for use on RV, camper, trailer, commercial and residential roofing systems. This product is proven to provide a long lasting membrane that will maintain flexibility throughout the extreme temperatures typically found on roofs. Additionally, this product uses specialized pigments and biocides to give the end user maximum UV resistance, color stability, and minimum dirt pickup. This product is compatible with many different roofing substrates, including, PVC, Hypalon, EPDM, SPF, Metal, asphalt and concrete.

Physical Properties

Solids by Weight ASTM D-1644	66 (±3) %	Durometer Hardness ASTM D-2240, Shore A	50-55
Solids by Volume ASTM D-1653	56 (±3) %	Tensile Strength ASTM D-2370	270 (±22) PSI
VOC EPA Method 24	<50 g/L	Elongation ASTM D-2370	231 (±22) %
SRI	107	Permeability ASTM D-1653	15 (±4)
Reflectivity ASTM C-1549	86%	Low Temp. Flexibility 1,000 hrs., -15°, 1/2" mandrel	Pass
Flash Point	None	Viscosity	112 (±12) KU
Clean Up	Water	Density	12.1 lbs/gal
Shelf Life	12 Months	Emittance ASTM C-1371	.90

The above information is based upon information reasonably available to Marlin Coatings, LLC at the time of publication. This is not to be constructed as a warranty or guarantee, expressed or implied.

Packing & Shelf Life

Available in 1 and 5 gallon pails, as well as 55 gallon drums. White is our standard color; custom colors are available at a premium.

The product should be stored in the original unopened container for up to 12 months from the manufacture date between the temperature range of 40-90 degrees Fahrenheit. Do NOT let the product freeze.

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Application Information

Proper preparation is imperative for the success of any roof coating project. Prior to the start of work, a small area of the roof should be cleaned with water and a rag in order to perform an adhesion test. Primers may be required. Consult Marlin Coatings if you suspect a primer may be required. Ensure that the application surface is completely clean, dry, and free of any loose particles. The product can be sprayed, brush or roll applied with a medium nap roller. Before the application, the material should be mixed to ensure any settling during storage or shipping is evenly distributed throughout the product. If spray applying, ensure the product is at least 75°F. Expect dry times to be 90 minutes at 50% humidity and 75°F ambient temperature. Do not apply when inclement weather is imminent. One gallon per 100 square feet will yield 8.8 dry mils.

Marlin Acrylic Top Coat is a water based product, therefore potential candidates for its use should have proper drainage with zero ponding water. The product should not be applied if ambient temperature is below 50°F, or if there is any possibility that the temperature could fall below 32°F within 24 hours of application. Avoid application if rain or dew is likely to occur before product cures.

Maintenance

Maintenance is key to getting the most out of your roof. At a minimum, your roof should be inspected for damage twice a year, and immediately after any severe weather event. All repairs should be done with like materials.

Clean up

Clean up of uncured products should be done using water.

Warranty

Marlin Coatings offers a variety of warranties ranging from 5-20 years. Please reach out to Christian@marlinroofcoatings.com to discuss details.