

Silicone Top Coat - High Solids

Technical Product Data



Product Use & Description

Marlin Silicone Top Coat is a 100% High Solids - Silicone. This is a one component, moisture cured product designed for use on RV, camper, trailer, commercial and residential roofing systems.

This product is an ideal roofing system due to its excellent reflectivity properties as well as its ability to resist weathering, aging, ponding water, oxidation, wind-driven sand, rain, snow, ozone effects, UV radiation, and the extreme temperatures typically found on roofs. Finally, the tight surface finish effectively enhances the protection against mold, algae and mildew.

Physical Properties

As Supplied		As Cured	
Solids by Weight	95 (±3)	Durometer Hardness ASTM D-2240, Shore A	37
Solids by Volume ASTM D-2369	95 (±3)	Tensile Strength, ASTM D-412	250
VOC	<50 g/L	Elongation, ASTM D-412	236
Flash Point	141°F	Permeability, ASTM E-96 (20 mils, 100°F, 90% Humidity)	10.7
Dry Time	1-5 hrs.	Accelerated Weathering, QUV, 5,000 hours ASTM G 154	No Degradation
Tack Free Time	1-2 hrs.	Flame Spread ASTM E108	Class A
Specific Gravity (77°F)	1.26	Temperature Stability Range	35-212
Appearance	White	Tensile, Set at 100% Elongation	Nil

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

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Packing & Shelf Life

Available in 1 and 5 gallon pails. 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 24 months from the manufacture date between the temperature range of 40-90 degrees Fahrenheit.

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. In rare circumstances, a primer 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 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.

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 Naphtha VM&P or mineral spirits.

Warranty

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