

SILICONIZED TOPCOAT FOR ROOFS W/ EXTREME STANDING WATER

DESCRIPTION: Siliconized Dura-Coat Roof Coating is an ultra-white 100% acrylic elastomeric roof coating. This premium grade coating is designed with maximum reflectivity values to protect against the sun's heat and harmful UV rays. This product forms a thick, rubber-like shield that expands and contracts over 350% to prevent roof damage. It resists cracking, peeling, and mildew while offering unbeatable weatherproof protection and maximum resistance to lifting under ponding water conditions.

USES: Siliconized Dura-Coat Roof Coating can be used over mineral surface roofing, aged aluminum, tar, asphalt, or hot-applied built-up roofing after application of PRODUCT NO. 210 emulsion. All large cracks and seams should be reinforced with woven polyester fabric embedded into PRODUCT NO. 210. (on EPDM roofs, embed membrane over any large crack or seams into PRODUCT NO. 6000-S). This product can be directly applied over most previously white-coated sound roof surfaces. PRODUCT NO. 6000-S is highly recommended for EPDM roofs or areas subject to unusually severe moisture conditions such as valleys, around roof drains, low spots or in any area where water is expected to be trapped on a roof.

SURFACE PREPARATION: A clean surface is absolutely essential for proper adhesion of this material. (1) Previously coated surfaces: All dirt and unsound accumulations must be removed. Use TSP to remove any mildew or algae which may be present. Rinse with water. Where necessary, use brooming and high pressure water hosing to clean the base surface. Allow water to completely dry before proceeding. Roof substrate must drain within 48 hours. (2) Built-up Roofing: Must be 6 months or older. Clean and prime first with 1 gallon per 100 square feet of PRODUCT NO. 210, before application of finished white surfacing. (3) Granule Surface: Must be clean, sound surface with no loose or foreign material. (4) Rusty metal must be cleaned with a wire brush and primed with PRODUCT NO. 101 Asphalt primer prior to application of PRODUCT NO. 210 emulsion and PRODUCT NO. 6000-S Siliconized Dura-Coat Roof Coating. All fasteners must be tightly secured or replaced and encapsulated with PRODUCT NO. 501-W Patching Compound. All roof seams and flashings must be covered with PRODUCT NO. 501-W Patching Compound and membrane reinforcement. (5) Polyurethane Foam Roofs: Prime surface with PRODUCT NO. 295 Surface conditioner prior to application of PRODUCT NO. 6000-S.

APPLICATION: Material should be stirred in the container and applied by a soft bristle brush or broom, a long nap roller or suitable spray equipment (minimum working pressure of 3000 PSI for airless sprayer). Coverage rates will vary depending on porosity of surface as well as roof pitch. Recommended application is two coats applied at right angles to previous coat by brush, roller, or spray for maximum reflectivity, durability and life cycles. First coat must dry before second coat is applied. During application, keep tools clean and free from coating build up by rinsing frequently with water. Adequate protection for most surfaces is obtained by the use of two gallons of Siliconized Dura-Coat Roof Coating per 100 sq. ft. applied in two coats. Allow 24 to 72 hours depending on weather conditions and applications rate of curing prior to application of second coat. Do not apply unless temperature is 55°F and rising. Do not apply when rain or frost is forecast within 24 hours after application. Conditions of high humidity will prevent curing in the usual four hours. Avoid heavy foot traffic.

RECOMMENDED COVERAGE RATES (completed in 2 coats):

(1) Mineral Surfaced Roll Roofing - 3 gal/ 100 sq. ft.; (2) Metal Roofing - 1 to 2 gal/100 sq. ft.; (3) Concrete Tile or Smooth Roll Roofing - 1.5 to 2 gal/100 sq. ft. (4) Recoats - 2 gallons per 100 square feet (1 gallon per coat).

KEEP PRODUCT FROM FREEZING.
DO NOT APPLY TO ANY SURFACES THAT CONTAIN SILICONE.

CLEAN-UP: Clean brushes, tools and other equipment with soapy water immediately after use. Dried film may require paint remover.

PHYSICAL PROPERTIES:

Coating Type	
Silicone Modified Acrylic Elastomeric Roof Coating	
Solids by Weight (%)	64% (±3)
Solids by Volume (%)	49%
Weight per Gallon	11.3 lbs.
Drying Time	
At 50% relative humidity and 70°F; Touch: 4 hrs, Firm: 8 hrs	
Silicone (%)	9%
Flammability	None
VOC	≤ 100 g/l
Elongation	> 350%
Tensile Strength	> 325 PSI
Viscosity	115 KU
Adhesion	
Excellent Adhesion to Polyurethane Foam, EPDM, TPO	
Tear Resistance	> 200 lbf/in.
Water Swelling	After 7 days < 6%
Reflectivity	92%
Warranty	12-Year Product

*NOTE: Percentages stated are + or - 5%

Approx. Shipping Weights: (All approximate weights include container)
5 gallons 59 lbs.

HANDLING PRECAUTIONS: Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use and for physical and health hazard information. Safety datasheets are available on the TRC website at www.rubberized.com. You can also obtain a copy from one of our local TRC stores.

LIMITED WARRANTY AND DISCLAIMER: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact TRC to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with TRC warranty procedures and program. For limited manufacturer's warranty and disclaimer information, visit our website at: www.rubberized.com/resources/warranties/

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