



GGC1

White Elastomeric Reflective Coating

Description

GGC 1 is a white, acrylic based elastomeric reflective coating for waterproofing and prolonging roof life. This flexible and durable coating adheres to roofing substrates, such as asphalt and metal. Protective coating withstands elongation and significantly reduces roof temperature.

GGC 1 is listed by CRRC and CA Title 24 compliant. Read and follow directions carefully. Refer to Material Safety Data Sheet for proper handling.

Preparation

Surfaces must be cleaned, dried, and free of moisture on and beneath the surface. Remove dust, dirt, oil, loose granules and any other foreign contaminants. Surfaces with mildew growth should be cleaned with a bleach solution then rinsed thoroughly. Rusted metal should be cleaned with a wire brush. Pressure washing surface is recommended for best results. It is recommended to repair all holes, leaks and cracks with GGC 7 Elastomagic Cement and GGC F Polyester Fabric in the Three Course Installation Method.

Acceptance of the substrate is the sole decision of the owner or appointed representative.

Application:

For exterior use only. Protective clothing and eyewear should be used during application of this product. Apply on warm, sunny day preferably in the morning to provide maximum cure time. GGC 1 must be applied to a dry surface. Prior to application water must be swept out of all puddles, waterways, and birdbaths. Temperature should be 55F and rising.

Stir thoroughly before application to achieve a uniform consistency. Apply with a heavy-duty paint roller or professional spray equipment. Apply first coat at a rate of 1.5 gallons per square. Allow a minimum of 4 hours to dry. Apply second coat in cross hatch fashion at a rate of 1.5 gallons per square. Allow at least four hours between coats and 24-48 hours for full cure, dependent upon weather conditions. Relative humidity will directly affect drying/curing time.


Cleanup

Clean tools with soap and warm water.

VOC/VOS 19.2 g/l max (0.16 lbs/gal)

Chemical Ingredients

Water	CAS#7732-18-5
Acrylic Copolymer	CAS#MIXTURE
Titanium Dioxide	CAS#13463-67-7
Calcium Carbonate	CAS#1317-65-3
Zinc Dioxide	CAS#131413-2

	Initial	Weathered	
	Solar Reflectance	0.88	0.74
	Thermal Emittance	0.90	0.91
Rated Product ID Number	1202-0001		
Licensed Seller ID Number	1202		
Classification	Production Line		
<small>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</small>			
<small>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</small>			

Precautions:

DO NOT STORE AT TEMPERATURES BELOW 50F OR ABOVE 120F. DO NOT ALLOW TO FREEZE. DO NOT APPLY WHEN HEAVY DEW OR RAIN IS EXPECTED WITHIN 24 HOURS. DO NOT THIN. When transporting this product, be sure the lid is tight and the pail is secured. Do not allow pail to tumble as this may loosen the lid and cause leakage or spillage.

Drying time may vary depending upon wet film thickness, temperature, humidity and air movement.

CAUTION:

KEEP OUT OF REACH OF CHILDREN. Close container after each use. HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN, AND RESPIRATORY IRRITANT. USE WITH ADEQUATE VENTILATION. If swallowed do not induce vomiting. Call physician immediately. In case of eye contact- flush with large amounts of room temperature water for 15 minutes, skin contact- wash thoroughly with soap and water. Irregular or stopped breathing administer oxygen, give artificial respiration. Get immediate medical attention. Avoid prolonged breathing of vapor or spray mist.

CALIF PROP 65- CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ) WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation when using product. For further information and advice regarding transportation, handling, storage, and disposal of chemical products, users should refer to the actual Material Safety Data Sheet containing physical, ecological, toxicological, and other safety related data. It is highly recommended to read the actual Material Safety Data Sheet before using the product.

WARRANTY AND DISCLAIMER

Go Green Coatings warrants to the original purchaser that this product is free from any manufacturing defects that will materially affect the products performance for a period of one year. In the event there is a failure associated with a manufacturing defect of this product, Go Green Coatings shall, at its own discretion, provide the appropriate replacement product(s) or pay for the cost of the defective product only. There is no warranty for labor or installation costs of any kind. NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Go Green Coatings SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. 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. Contact Go Green Coatings prior to ordering for the most recent and up to date data sheet. For additional limited warranty and disclaimer information contact the Go Green Coatings corporate office at 888-285-9842.

Liquid Properties

Viscosity	110-130
Volume Solids (%)	53
Weight Solids (%)	63

Physical Properties

Initial Elongation (%)	394
Initial Tensil Strength (psi)	255
Permeance (perms)	10
Water Swelling (% mass)	8
Wet Adhesion	9.3
Fungi Resistance	0
Tear Resistance (lbf/in)	112
Low Temperature Flexibility	
Pass Accelerated Weathering -	1000h Pass