

Geogard[®] Finish Coat

High performance, one-part,
moisture cured polyurethane finish coat

FEATURES

Single Component

- No mixing of multiple components
- No extra labor steps
- No pot life limitations

Highly Durable

- Provides a durable protective surface

Highly Reflective

- Lowers rooftop temperatures resulting in less stress and potential energy savings
- CRRC Listed

Versatile

- Suitable for use over a number of substrates/roof types

BENEFITS

DESCRIPTION

Geogard Finish Coat is a high performance, single component, moisture cured urethane finish coat.

BASIC USES

Geogard Finish Coat is used as part of a restoration coating system or repair material for approved existing roofing substrates. The system is installed in a two coat process with partial reinforcement at designated areas of the roof.

PACKAGING

5 gal (18.9 L) pails
2 gal (7.5 L) pails

COLOR

White, Beige, Limestone, Maple, Slate Gray

**Custom colors are available upon request. Please review Tremco's color policy for details.*

GRADE

Brush, Roller, Spray, Squeegee & Backroll

STORAGE

9 months shelf life in unopened containers when properly stored.

Recommended storage conditions are indoors in a ventilated, dry area removed from heat, open flame, ignition sources, and direct sunlight. Storage temperatures should range from 60-70°F (15- 21°C) and must not drop below 32°F (0°C) or exceed 110°F (43°C).

On the job site, materials should remain on the pallet until use and be stored in a shaded, ventilated area. Materials should be covered with a light-colored, reflective tarp for protection against the elements. Allow for adequate air flow inside the pallets.

Shelf life could be affected if the product is not stored properly.

APPLICATION

Preparation: Surface must be clean, dry, in sound condition, and free of dirt, debris, and contaminants. Wet insulation must be identified and replaced. Deficient areas of existing system must be repaired. All repairs should be made with like materials matching the existing components and allowed to properly cure prior to application of liquid-applied products.

Allow new concrete to cure for a minimum of 28 days and until moisture, RH, and compressive strength values reach an appropriate level. Concrete surfaces must be shot-blasted to a an ICRI 3-6 surface profile.

Metal surfaces and coated metal including fluoropolymer/PVDF coatings such as Kynar[®] (Registered trademark of Arkema Inc.) and Hylar[®] (Registered trademark of Solvay Solexis Inc.) must be ground to clean bright metal free of rust and primed prior to application.

If the surface has a pre-existing coating, paint, or sealant an adhesion/compatibility test is required. For applications on EPDM and TPO single-plys, test applications of the entire Geogard system are required to check for potential swelling of the membrane. Please contact Tremco for testing and surface preparation recommendations.

Geogard® Finish Coat

APPLICATION

CONTINUED

Mixing: Mechanical mixing is typically not necessary. Ensure product is consistent in appearance and viscosity. Do not thin.

Priming: Geogard Base and Finish Coats should be top-coated within 72 hours of application. If cured base or top coat is exposed for longer than 72 hours, an application of Geogard Primer will be required to promote adhesion between coats. Review the recommended primer product data sheet for specific product and application information.

Installation: Install product using one of the approved application methods evenly at the recommended coverage rate. Use wet mil gauges to monitor coverage rates throughout application.

System Application: Once detail work has been completed and cured, install Geogard LO Base Coat followed by Geogard Finish Coat over the cured base coat.

Non-Skid Application: Install an additional layer of top coat in white or chosen color at 1 gal / 100 sq. ft. (16 wet mils) (0.4 L/m²) and immediately broadcast and backroll an approved non-skid media. Color striping can be installed in 3-4" wide areas along the perimeter of the walkway area at a coverage rate of 1 gal / 100 sq. ft. (16 wet mils) (0.4 L/m²) to provide identification of the areas on the roof.

Approved Non-Skid Media:

- Silica Sand (20-40 mesh) - Coverage: 20-30 lbs. / 100 sq. ft.
- No. 11 Roofing Granule - Coverage: 10-15 lbs. / 100 sq. ft.

1 gal./100 sq.ft. (16 wet mils) (0.4 L/m²)

Note: Coverage rates are listed at minimum recommended rates. The application surface can affect the necessary coverage rate.

Min Ambient: 40°F (4.4°C)

Max Ambient: 110°F (43.3°C)

- Minimum temperatures must be rising following application
- Do not apply when dew point is within 5°F (2.77°C) of ambient temperatures
- Do not apply when precipitation, fog or dew is imminent prior to cure of the product

Tack-Free Time: 16 hours

Recoat Time: 24 hours

Note: Cure times can be effected by a number of weather and jobsite conditions including but not limited to exposure to sunlight and wind, humidity, precipitation, and temperature.

COVERAGE RATES

TEMPERATURE RECOMMENDATIONS

CURE TIMES

ACCEPTABLE ROOF SURFACES

SPRAY EQUIPMENT RECOMMENDATIONS

CLEAN UP

LIMITATIONS

BUR Gravel	BUR Smooth	Concrete	Metal	Metal Fluoropolymer	MB Granule	MB Smooth	Single-Ply	SPUF	Walls
	●	●			●	●	●		

GENERAL GUIDELINES

Component: One-Component

Pressure: 4,000 psi

Tip Size: .039 - .049

Filters: Remove

Hose Type: High Pressure

WHIP: ¼" High Pressure

Product Temp: Ambient

- Must use heavy duty or industrial grade spray tips
- Properly clean and maintain spray equipment before, during and after use
- Equipment should be properly grounded during use

Before the product cures, clean surfaces and equipment with xylene or isopropyl alcohol. Spray equipment can be flushed/cleaned using MEK or xylene.

- Not recommended for use over the following:

Roof Decks: Direct applications to cementitious wood fiber, metal, poured-in-place gypsum, structural lightweight or lightweight insulating concrete, and wood decks (includes plywood, tongue and groove, etc.).

**LIMITATIONS
CONTINUED**

PHYSICAL PROPERTIES

CODES & APPROVALS

MAINTENANCE

PRECAUTIONS

TECHNICAL SUPPORT



www.tremcoroofing.com
3735 Green Road
Beachwood, Ohio 44122
1.800.852.6013

220 Wicksteed Avenue
Toronto, Ontario, M4H 1G7
1.800.668.9879

Tremco Roofing and Building
Maintenance is part of Tremco
Construction Products Group.

Geogard® Finish Coat

Products/Systems: Asphalt-based or coal tar gravel surfaced BUR systems, clay tile, expanded or extruded polystyrene insulation, fluoropolymer finished metal, shingles, silicone-based products, and tar-based products.

- Not for use under continuous immersion

PROPERTY	TEST METHOD	TYPICAL VALUE
Abrasion Resistance	ASTM C501	3 mg
Accelerated Weathering	ASTM D4798	Pass (1,000h)
Crack Spanning	ASTM C1305	Pass @ -15°F
Elongation	ASTM D2370	313%
Flexibility	ASTM D1737	Pass
Fungi Resistance	ASTM G21	Zero Rating
Indentation Hardness	ASTM D2240	80 Shore A
Low Temperature Flexibility	ASTM D522	Pass @ -15°F
Permeance	ASTM D1653	4 perms
Tear Strength	ASTM D624	266 lbf/in
Tensile Strength	ASTM D412	3,480 psi
Water Absorption	ASTM D471	1%
Volume Solids		69%
Weight Solids		0.81
VOC		< 250 g/L

Florida Building Code



	Rapid		
	Initial	Rated	Weathered
Solar Reflectance	0.83	0.82	Pending
Thermal Emittance	0.9	0.9	Pending
Rated Product ID	0612-0025		
Licensed Manufacturer ID	0612		
Classification	Production Line		

***CRRC Rapid Ratings:** These are interim laboratory-aged values that simulate weathered values. These values will be replaced by the measured three-year aged values upon completion of the weathering process.

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 effects of solar reflectance and thermal emittance on building performance may vary.

Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.

Tremco is a US Registered trademark of Tremco CPG Inc.
The information provided on this data page supersedes all previous data concerning this product and its application.
The Statements provided concerning the materials shown are intended solely as a general guide for material usage and are believed to be true and accurate. Since the manner of use is beyond our control, Tremco DOES NOT MAKE NOR DOES IT AUTHORIZE ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE, OR ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION, EXPRESSED OR IMPLIED, CONCERNING THIS MATERIAL EXCEPT THAT IT CONFORMS TO TREMCO'S PRODUCT SAMPLE. Buyer and user accept the product under those conditions and assume the risk of any failure, injury to person or property and loss or liability resulting from the handling, storage or use of the product, whether or not it is handled, stored, used in accordance with directions or specifications. UNDER NO CIRCUMSTANCE SHALL TREMCO BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM ANY BREACH OF WARRANTY. IN ALL CASES, TREMCO'S LIABILITY IS LIMITED, AT TREMCO'S OPTION, TO THE REPLACEMENT OF GOODS, OR THEIR VALUE, PROVEN TO BE DEFECTIVE IN MANUFACTURING.