



ROOFGUARD

ACRYLIC ELASTOMERIC COATINGS

Recommended Application Procedure for Reinforced Elastomeric Roof Coating System Over METAL ROOF DECKS

1. PREPARATION

- a. The entire surface must be clean, sound, dry and free of any contaminants that would interfere with proper adhesion of the coating. All loose paint and loose rust must be removed prior to the application of coating or sealant. Achievement of this condition may require scraping, wire brushing, power brooming, vacuuming, sweepblasting, sand blasting or other means, and shall always be performed observing normal trade practices.
- b. Metal that has corroded to the point of being weak or broken must be replaced.
- c. Any new metal or rusted metal must be clean and oil-free. Prime new or rusted metal with **RUSTPREP #S5**, a rust inhibitive primer.
- d. To prevent the ponding of water, the entire deck must be well sloped into drains. Design proper slope for drainage or install new drains as necessary.
- e. *All metal fasteners and nails will be sealed in the following manner:*
 1. Install **Metal-Gard** metal domes over the fasteners and nail.
 2. Install **Metal-Gard** pressure sensitive, polyester reinforced metal fastener disks over the metal domes. Insure that all perimeter edges that come in contact with the metal roof and the domes are securely attached by vigorous rubbing.
- f. *All seams and end joints will be sealed in the following manner:*
 1. Install the 4" **Metal-Gard** pressure sensitive, polyester reinforced metal seam tape to all of the seams and end joints. Insure that positive adhesion has occurred by vigorous rubbing.
- g. Any and all pipe and duct jacks will be three-coursed with **ELASTOGUARD #756** acrylic mastic and **FORTIFABRIC** polyester fabric.

2. APPLICATION

- a. All coating edges shall be cut in evenly in a uniform manner so as to provide an aesthetically pleasing appearance.
- b. Any and all detail work requiring additional strength or build will be constructed and performed in a three-course fashion with **ROOFGUARD** or **ELASTOGUARD** and **FORTIFABRIC** polyester fabric.
- c. The entire roof shall receive **ROOFPREP #754** primer at the rate of .5 to 1.0 gallons per 100 sq. ft. and the **ROOFGUARD** Coating System consisting of the following:

21595 Curtis Street • Hayward, CA 94545
(510) 887-7254 • Fax: (510) 887-5637
www.roofguardcoatings.com



Our products are guaranteed to meet established quality control standards. Information contained in our technical data is based on laboratory and field testing, but is subject to change without prior notice. No guarantees of accuracy are given or implied, nor does TRESKO assume any responsibility for coverage, performance or injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement or, if applicable, to the terms stated within the executed project warranty.



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METAL ROOF DECKS

5-Year Material Only Warranty

NO CHARGE FOR MATERIAL ONLY WARRANTIES

(24 mils)

1. Apply 1 coat of ROOFGUARD White, IR COLORS or custom color at a rate of 2 gallons per square
2. Clean up

10 Year Material Only Warranty

(33 mils)

1. Apply ROOFGUARD BASE GRAY at a rate of 1 gallon per square
2. Over the BASE GRAY apply 1 coat of ROOFGUARD White, IR COLORS or custom color at a rate of 2 gallons per square
3. Clean up

15-Year Material Only Warranty

(42 mils)

1. Apply ROOFGUARD BASE GRAY at a rate of 1 gallon per square
2. Over the BASE GRAY apply two separate coats of ROOFGUARD White, IR COLORS or custom color at a rate of 1½ gallons per square
3. Clean up

20-Year Material Only Warranty

(51 mils)

1. Apply ROOFGUARD BASE GRAY at a rate of 2 gallons per square
2. Over the BASE GRAY apply two separate coats of ROOFGUARD White, IR COLORS or custom color at a rate of 1.5 gallons per square
3. Clean up

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3. GENERAL

- a. These recommendations assume that the proper amount of roof vents have been installed prior to the application of this coating system.
- b. The entire system shall be fully adhered to the surface it is applied to. Voids left under the coating by creating bridges are not acceptable.
- c. Do not proceed with application of coating materials when surface temperature is less than 60⁰F.
- d. Install all materials in strict accordance with all published safety, weather, or applicable regulations of the manufacturer and/or local, state, and/or federal agencies which have jurisdiction.
- e. No coating shall be applied if weather will not permit it to dry prior to exposure to precipitation or freezing. Dry time is 24 to 48 hours when coating is applied in the morning when temperature is 60 degrees and rising but could be longer depending on temperature and humidity.
- f. Heavy puddles of coating on the roof are not acceptable.
- g. Recommended equipment for spraying are the following Graco pumps: GH 733 or King 45:1. Use a Reverse-a-clean tip with a minimum tip size of .033 up to about .085, Titan flat tips can also be used - #10 tip is recommended with a 60⁰ fan width.
- h. Instructions for use of all roofing materials and application equipment should be read and followed at all times.

4. MATERIALS

- a. The following materials listed in these recommendations are available from Tresco Paint Manufacturing Company:
 1. **Metal-Gard** domes
 2. **Metal-Gard** pressure sensitive fastener disks
 3. **Metal-Gard** pressure sensitive seam tape 4" & 6"
 4. **ELASTOGUARD #756** acrylic mastic
 5. **FORTIFABRIC** polyester fabric, 4", 6", 12", 20" and 40"
 6. **RUSTPREP METAL PRIMER #S5**
 7. **ROOFPREP #754** acrylic primer
 8. **ROOFGUARD #751 BASE GRAY, BRILLIANT WHITE** and **IR** color coatings.

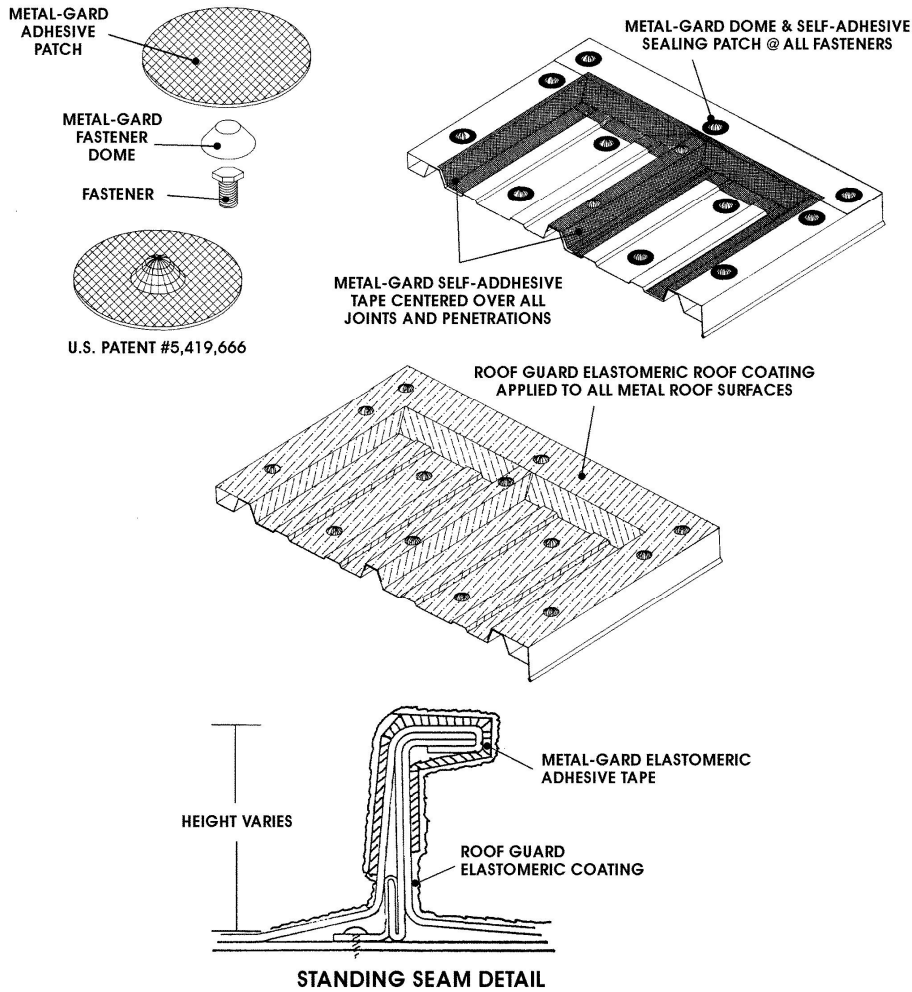
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