



ACRYLIC ELASTOMERIC COATING

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 **RUSTEK PREP #4-100**, 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 a three course of **SOLATEK and TEK FAB, MASTEK or MASTEKTHANE** over the fasteners and nails.
- f. *All end joints and damaged seams will be sealed in the following manner:*
 1. Install a three course of **SOLATEK** and seam tape, **MASTEK and TEK FAB, or MASTEKTHANE** over all damaged seams and end joints.
- g. Any and all pipe and duct jacks will be three-coursed with **MASTEK #3156** acrylic mastic and **TEKFAB** polyester fabric, **SOLATEK** and seam tape or **MASTEKTHANE #3176**.

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 **SOLATEK** or **MASTEK** and **TEKFAB** polyester fabric or **MASTEKTHANE**.
- c. The entire roof shall receive the **SOLATEK** Coating System consisting of the following:

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



The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.



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5-Year

(18 mils)

1. Apply 1 coat of SOLATEK BASE GRAY and 1 coat of WHITE at a rate of 1 gallon per square each or 1 coat of QUIKSET at a rate of 2 gallons per square.
2. Clean up

10 Year Material Warranty

(22.5 mils)

1. Apply 1 coat of SOLATEK BASE GRAY and 1 coat of WHITE at a rate of 1.25 gallons per square each or 1 coat of QUIKSET WHITE at a rate of 2.5 gallons per square.
2. Clean up

15-Year Material Warranty

(27 mils)

1. Apply SOLATEK BASE GRAY at a rate of 1.5 gallons per square
2. Over the BASE GRAY apply one coat of SOLATEK White at a rate of 1.5 gallons per square
3. Clean up

20-Year Material Warranty

(36 mils)

1. Apply SOLATEK BASE GRAY at a rate of 1.5 gallons per square
2. Over the BASE GRAY apply two separate coats of SOLATEK White at a rate of 1.25 gallons per square or 1 coat of QUIKSET WHITE at a rate of 2.5 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 50⁰F.
- 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.
- 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 60⁰fan 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. **MASTEK #3156** acrylic mastic, **MASTEKTHANE #3176**
 2. **TEKFAB** polyester fabric 4", 6", 12", 20" and 40"
 3. **RUSTEK PREP METAL PRIMER #4-100**
 4. **SOLATEK #3140, # 3151, #3181, #3182 WHITE or GRAY** coatings.

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