

SPECIFICATIONS

RESFLEX ELASTOMERIC ROOF COATING #10-16

1. PRODUCT: RESFLEX ELASTOMERIC ROOF COATING #10-16

2. MANUFACTURING AND DISTRIBUTOR:

ECO-WARES ® / ENVIROSAFE MANUFACTURING CORP. ®

East Coast Office: 7634-B Progress Circle
Melbourne, FL 32904
(800) 800-5737

West Coast Office: 817 Benton Way
Wenatchee, WA 98801
(509) 662-9204

Web Site: www.eco-wares.com

Web Site: www.envirosafemfg.com

3. PRODUCT DESCRIPTION:

A high-build 100% acrylic emulsion waterproof roof coating designed for application on asphalt, urethane foam and properly prepared metal roofs. It provides superior protection from the sun's ultra-violet rays and its unequalled elasticity provides protection and durability. It resists water penetration, is mildew resistant and bridges existing hair-line cracks on the substrate during application as well as those that form after application. FOR EXTERIOR USE ONLY!

4. PRODUCT USES:

For industrial, commercial and residential use on asphalt shingles, cement tile, tar & gravel, polyurethane foam, modified bitumen and metal decking roofs.

5. JOB LIMITATIONS:

Apply in good weather when air and surface temperature are above 55 degrees F and surface temperature is at least 5 degrees F above the dew point. For optimum application properties, materials should be between 70 to 100 degrees F prior to application. Maintain unused material in closed containers in protected storage at 40-100 degrees F.

DO NOT STORE IN STRONG SUNLIGHT.

6. SURFACE PREPARATION AND APPLICATION:

All new concrete and masonry substrates should be at least 30 – 45 days old before coating!

1. Good surface preparation is essential to a satisfactory coating system. Surfaces to be coated should be clean and dry. Remove all dirt, dust, oil, grease, mildew, rust, loose or cracked paint or other contamination with either **ENVIRO CLEAN DEGREASER CLEANER** or **NuLOOK CONCRETE CLEANER**. Metal roofs should be pressure washed, wire brushed or power tool cleaned to remove all loose rust. Rinse well. Treat with **ENVIROSAFE RUST CONVERTER**. Previously painted areas should be clean, dry, sound and free from all dirt, grease, oil, wax, mildew and any other contaminants. Remove any loose scale, chalked, cracked or peeling paint by hand scraping, sanding, wire brushing or power tool cleaning. Repair/replace any damaged and/or delaminated surface areas. All glossy paint areas should be lightly sanded to effectively dull the sheen.
2. Rinse thoroughly and allow to dry approximately 24 – 48 hrs.

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3. For best results, apply with brush and/or roller or airless spray equipment. Apply a smooth, even and generous coat in a criss-cross motion, avoiding any excessive re-spreading or reworking. Always maintain a wet edge by brushing/rolling into previously coated surface area. If applying with a roller, a 3/8" – 3/4" nap cover is recommended. If applying with an airless sprayer, it is recommended to use a unit with a capacity to pump a minimum of 2 gal. /min and 2000 psi with a 0.021 – 0.035 fluid spray tip. During spray application, the surface should be back-rolled to ensure an even coat and proper adhesion. The first coat should be allowed to dry overnight before application of second coat. Manufacturer recommends two (2) coats.

Avoid application when weather conditions are threatening or late in afternoon when there is a threat of moisture condensing on wet coating. Apply when surface and temperatures are above 55 degrees F and below 90 degrees F. KEEP FROM FREEZING!

MIXING: This is a one- (1) component coating. Stir thoroughly before application. **DO NOT THIN!**

THINNING: This product is supplied at normal application viscosity and should not be thinned.

Thinning may affect the quality of this product. **DO NOT THIN!**

KEEP OUT OF THE REACH OF CHILDREN

Use with adequate ventilation. Do not take internally!

7. TECHNICAL DATA:

PRODUCT PROPERTIES

STATE: Thick Liquid

THINNING: Stir thoroughly & apply as it comes from the container – DO NOT THIN!

SOLUBILITY IN WATER: Soluble. Supplied at normal application viscosity. DO NOT THIN!

SOLIDS: By volume: 51.23% By weight: 64.42%

PIGMENT: 40.45%

VEHICLE: 59.55%

V.O.C.: 0.92 lb. /gal. (111 g/L)

RECOMMENDED MIL FILM: Wet: 10.0 mils (estimated at 120 sq.ft./gal.)

Dry: 5.0 mils (estimated at 120 sq.ft./gal.)

ESTIMATED DRY TIME: Dries to touch in 2 – 4 hrs. (depending on conditions)

Re-coat: 24 hrs. or after overnight dry

FULL CURE: 72 hrs. depending on conditions

CLEAN-UP: Soap and water

METHOD: Brush, roller or spray equipment

THEORETICAL COVERAGE: 120 sq.ft./gal. depending on type of application and the roughness of the surface area to be coated. 2nd COAT: 135 sq.ft./gal.

Manufacturer recommends two (2) coats.

WEIGHT PER GALLON: 11.6 lbs. /gallon

COLORS: White (may be tinted with Universal Tint)

FINISH: Smooth Eggshell Finish

8. MSDS SHEETS:

Available upon request.