

Product Data Sheet

No. 1156 - 01/17

REBAR GREEN EPOXY COATING

AEROSOL CARB VOC <65% / MIR <0.95

PRODUCT NUMBERS: 156 - 12 OZ. NET WT.

I. GENERAL DESCRIPTION

Description: Aervoe Rebar Green Epoxy Coating is a high-performance, fast-drying, single system epoxy. It is specifically designed for touch-up or on site initial coating to protect rebar and other metal/steel surfaces.

Benefits: Meets ASTM D3963 specifications (Report available upon request). Provides a rustproof finish to keep rust stains from appearing in finished concrete. Adheres to all surfaces with very good resistance to corrosion, chemicals, and abrasion. The touching-up of sheared ends, cuts, and other exposed areas promptly will prevent detrimental oxidation.

Application: Use on rebar and metal/steel, or wherever a tough, durable finish is required. Metal supports for use in reinforcement which contact the exposed surfaces of the concrete may also be coated with this product or the Aervoe Galvanize Coatings (#7007 Cold Galvanize Coating or # 7008 Brite Galvanize Coating).

Directions: Turn insert part of spray head to choose either vertical or horizontal spray pattern. Align spray head with black mark on valve rim to ensure complete evacuation. Shake can vigorously for at least 1 minute after rattle of agitator ball is heard and intermittently thereafter. Surfaces must be dry and free of dirt, oil, and wax. For best results product should be used at temperatures between 60° and 80° F (16° and 27° C). Hold can 10 to 12 inches from surface to be coated. Use steady, even strokes. Several light coats are better than one heavy coat. To prevent clogging of nozzle after use, turn can upside down and spray for one to two seconds.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. Do not set rebar into concrete until paint has dried.

Packaging:

Aerosol:

Cans (16 oz.)
12 cans/case

12 oz. net wt. (340 grams)
14 lbs. (6.4 kg)

14.1 fl. oz. (417 ml)
0.47 CF (0.013 CM)

II. CHARACTERISTICS & PROPERTIES

Specifications:

Meets ASTM D3963.

Appearance:

Gloss at 60°>60
Class.....Non-Flat

Coverage:

Theoretical (at 1 mil dry)22 sq. ft. / can
Practical (at 1/2 mil dry)44 sq. ft. / can

Drying Schedule (at 77° F [25° C], 50% Humidity at 1 mil dry):

To touch.....15 min.
To handle.....30 min.
To recoatBefore 2 hrs or after 72 hrs
Full cure72 hrs

Performance and Chemical Properties:

Weight per gallon6.39 lbs.
Specific gravity0.77
Flammability: Label markingExtremely Flammable
Flash point.....<0°F (-18°C)
Operating temperature range.....60° to 80°F (16° to 27°C)
Percent solids by weight21%
Percent solids by volume12%
Percent pigment by volume.....3%
CARB VOC (Non-Flat)<65%
CARB MIR (Non-Flat)<0.95
Interior durability.....Excellent
Exterior durabilityExcellent
Temperature resistance.....300°F (149°C)
Color fastnessExcellent
Adhesion (ASTM D3359).....Very good
Salt spray corrosion (ASTM B117).....Passed, 400 hrs.
Mineral Spirits resistance.....Very good
Gasoline resistance.....Good
Motor Oil resistanceVery good
Pencil hardness (ASTM D3363).....H

Base Materials:

Resin system.....Epoxy / Acrylic Modified Alkyd
Solvents (top two)Acetone, n-Butyl Acetate
Propellant.....Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

UN number.....UN1950
Proper Shipping DescriptionAerosols
Hazard Class.....2.1
Packing GroupN/A
Limited QuantityYes
Warehouse storage level numberNFPA 30B Level 2
Storage temperature32° to 120°F (0° to 49°C)
Shelf life1 to 2 years

HMIS ratings

Health2
Fire4
Reactivity.....1

IV. MISCELLANEOUS

Contains no Ozone Depleting Substances (O.D.S.)

V. WARRANTY

1-year warranty to the original registered owner on all products from date of purchase. User returns, exchanges and defective refunds must be made with the original place of purchase. Because Aervoe cannot control Buyer's handling or use of product, Aervoe makes no warranty expressed or implied when not used or stored in accordance with directions. Aervoe shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement or repair of product or credit of purchase.