

# Product Data Sheet

No. 1156 - 10/11

## REBAR GREEN EPOXY COATING

AEROSOL CARB VOC <65% / MIR <1.40

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 Material Safety Data Sheet for specific information on material hazards, etc. Do not set rebar into concrete until paint has dried.

#### Packaging:

Aerosol:

Cans (211x604)  
12 cans/case

12 oz. net wt. (340 grams)  
14 lbs. (5.9 kg)

14.1 fl. oz. (401 ml)  
0.47 CF (0.013 CM)

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## II. CHARACTERISTICS & PROPERTIES

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### Specifications:

Meets ASTM D3963.

### Appearance:

Gloss at 60° ..... > 60  
Class ..... Non-Flat

### Coverage:

Theoretical (at 1 mil dry) ..... 26 sq. ft. / can  
Practical (at 1/2 mil dry) ..... 52 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 recoat ..... Before 2 hrs or after 72 hrs  
Full cure ..... 72 hrs

### Performance and Chemical Properties:

Weight per gallon ..... 6.9 lbs.  
Specific gravity ..... 0.8  
Flammability: Label marking ..... Extremely Flammable  
Flash point ..... < 0° F (-18° C)  
Operating temperature range ..... 60° to 80° F (16° to 27° C)  
Percent solids by weight ..... 24%  
Percent solids by volume ..... 15%  
Percent pigment by volume ..... 2%  
CARB VOC (Non-Flat) ..... < 65%  
CARB MIR (Non-Flat) ..... 1.40  
Interior durability ..... Excellent  
Exterior durability ..... Excellent  
Temperature resistance ..... 300° F (149° C)  
Color fastness ..... Excellent  
Adhesion (ASTM D3359) ..... Very good  
Salt spray corrosion (ASTM B117) ..... Passed, 400 hrs  
Mineral Spirits resistance ..... Very good  
Gasoline resistance ..... Good  
Motor Oil resistance ..... Very good  
Pencil hardness (ASTM D3363) ..... H

### Base Materials:

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

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## III. SHIPPING, STORAGE AND HEALTH

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IMDG number ..... UN 1950  
D.O.T. container spec ..... 2P  
D.O.T. shipping description ..... Consumer Commodity  
Warehouse storage level number ..... NFPA 30B Level 2  
Hazardous class (CFR-49) ..... **ORM-D**  
Storage temperature ..... 32° to 120°F (0° to 49°C)  
Shelf life ..... 1 - 2 years  
HMIS ratings  
Health ..... 2  
Fire ..... 4  
Reactivity ..... 1

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## IV. MISCELLANEOUS

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

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## V. WARRANTY

The statements made herein, on labels, product bulletins or by any of our employees or agents concerning this material are given for information only. Any liability whatsoever of Aervoe Industries, Inc. to the user of the product, is limited to replacement of the product or purchase price refunded.