

**RB1600 SYSTEM**  
**GREEN REBAR EPOXY****DESCRIPTION AND USES**

Industrial Choice® Green Rebar Epoxy is a high performance epoxy ester aerosol coating designed specifically for the touch up of the rebar. Its fast dry formula protects against corrosion, prevents metal rust stains in concrete and meets the performance requirements of ASTM Standard D3963 (ASTM B117 Salt Fog and ASTM G20 Chloride Permeability).

**PRODUCTS**

| <b>SKU</b> | <b>Description</b> |
|------------|--------------------|
| 261937     | Green Rebar        |

**PACKAGING**

16 fl. oz. container, 12 oz. fill weight

**PRODUCT APPLICATION****SURFACE PREPARATION**

**ALL SURFACES:** Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Pure Strength® Cleaner/ Degreaser item #3599402, commercial detergent or other suitable cleaner. Rinse immediately and thoroughly and allow to fully dry. Thoroughly cured, hard or gloss previous coatings which are very smooth may require scuff sanding to maximize adhesion.

**STEEL:** Hand tool clean (SSPC-SP-2) or power tool clean (SSPC-SP-3) to remove loose rust, mill scale, and deteriorated previous coatings. For best results, use Industrial Choice Primer on sound rusted or clean metal before the application of the Green Rebar Epoxy.

**PRODUCT APPLICATION (cont.)****APPLICATION**

Use when temperature is above 50°F (10°C) and humidity is below 85% to ensure proper drying.

Surface temperature must be between 50°F and 100°F (10-38°C). Protect surrounding surfaces from overspray. Overspray can carry a significant distance. Shake can for one minute after mixing ball is heard. Hold can 10-14" from surface. Apply several light coats a few minutes apart to avoid drips and runs.

**DRY AND RECOAT TIMES**

Dry times are based on 70°F (21°C) and 50% relative humidity. Allow more time in cooler temperatures. Green Rebar Epoxy dries to the touch in 15 minutes and can be recoated within 1 hour or after 24 hours.

**CLEAN-UP**

Clean valve by spraying upright for 2-3 seconds after each use. Properly discard empty container. Do not burn or place in trash compactor. Empty container can be recycled.

**CLOGGING**

If valve clogs, carefully remove spray tip and clean in thinner. **DO NOT** insert any object into can valve opening.

**TECHNICAL DATA**

**RB1600 SYSTEM GREEN REBAR EPOXY**

**PHYSICAL PROPERTIES**

|  |               | <b>GREEN REBAR</b>                  |
|--|---------------|-------------------------------------|
| <b>Resin Type</b>  |               | Epoxy Ester                         |
| <b>Pigment Type</b>  |               | Titanium Dioxide, Iron Oxides       |
| <b>Solvents</b>  |               | Acetone, Butyl Acetate, Xylene      |
| <b>MIR</b>   |               | 1.40 Max                            |
| <b>Fill Weight</b>   |               | 12 ounces                           |
| <b>Recommended Dry Film Thickness (DFT) Per Coat</b>                     |               | 1.0-2.0 mils (25-50μ)               |
| <b>Wet Film to Achieve DFT(unthinned material)</b>                       |               | 4.0-5.0 mils (100-125μ)             |
| <b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b> |               | 8-9 sq.ft./can                      |
| <b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>          | <b>Touch</b>  | 15 minutes                          |
|  | <b>Recoat</b> | Within 1 hour or after 24 hours     |
| <b>Dry Heat Resistance</b>   |               | 200°F (93°C)                        |
| <b>Shelf Life</b>  |               | 5 years                             |
| <b>Safety Information</b>  |               | For additional information, see SDS |

Calculated values are shown and may vary slightly from the actual manufactured material.

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