

**Tega Bond™ CARBON STEEL RUST PREVENTIVE****ECONOMICS**

Typical material costs are less than \$0.10/sq.ft. of coated surface

DESCRIPTION

Tega Bond™ CSRP (Carbon Steel Rust Preventive) is a **single component, water base, corrosion proof coating**. Chemical bonding between **TegaBond™ CSR**P and carbon steel eliminates air & moisture entrapment (the primary cause of coating failures). A single coat is sufficient for most applications. **TegaBond™ CSR**P has less than **1.2 lbs VOC per gallon**, far less than any current proposed standards.

Carefully selected monomers provide excellent surface resistance to corrosion from atmospheric acids and salts, as well as abrasion, and impact damage. (See Test Results below.) **TegaBond™ CSR**P is a superior undercoat for any commercially available topcoat (epoxy or urethane intermediates, etc.).

TegaBond™ CSRP is superior to galvanizing and epoxy/vinyl coatings for all steel construction applications, such as beams, plates, railings, guard rails, rebar, fasteners, ornamental iron, etc.

SURFACE PREPARATION

Carbon steel surfaces should be free of scale, oil, grease, dirt and any foreign matter. Tightly bonded rust need not be removed. SSPC – SP 1, SP 2, SP 3, are usually adequate.

APPLICATION & STORAGE

Preparation: **TegaBond™ CSR**P should always be stirred slowly, (not shaken) before use.

Application: Brush, spray, roll, or dip to apply. Recommended Dry Film Thickness (DFT) is 0.0005" to 0.0015". Optimum substrate temperatures are from 60° F to 95° F. Coating will be dry to the touch in 30 minutes at 70° F, 65% relative humidity. Curing occurs in 6-8 hours. Substrate temperature should not be less than 45° F. For "high speed" coating of coils, rebar, etc., forced air at 325° F will cure **TegaBond™ CSR**P in ten minutes.

Coverage: Varies from 700 sq. ft to 1000 sq. ft. /gal. depending on application process.

Cleanup: Water.

Storage: From 45° F to 95° F. Seal partially used containers "air-tight", stir thoroughly before using again (see above).

TEST RESULTS

Published Independent laboratory test data available include the following:
ASTM B-117 (Salt Spray), G.M. B 112 (Salt Spray), ASTM 287 (5% Acetic Acid), ASTM "Falling Sand" Test, ASTM Taber Abrasion Test (Federal Test Method Standard No. 141), ASTM D 3369 Measuring Adhesion by Tape Test Method, ASTM D 4541 Pull-off Strength of Coatings Using Portable Adhesion-Testers, ASTM D 968 (modified), ASTM A 370, Hardness Tests – Rockwell 15-T Scale – 85.3 Rockwell HRB Scale = 76.

TegaBond™ CSRP Material Safety Data Sheets (MSDS) are available on request.