



CORVEL® GREEN 10-6095 GENERAL DESCRIPTION

CORVEL® Green 10-6095 is a fusion-bonded epoxy designed for use on metal reinforcement bar and related accessories before encapsulation in concrete. This method of steel protection is the accepted standard for corrosion resistance in the construction of highways, bridge decks and parking garages. Corvel® Green 10-6095 meets or exceeds all test standards of the Federal Highway Administration as specified in ASTM A 775 and AASHTO M 284, as well as qualifying to the test standards of ASTM A 884.

APPLICATION & STORAGE CONDITIONS

- **The substrate to be coated must be clean dry and free of contamination.**
- **Iron or zinc phosphate pretreatment is recommended for optimum coating performance.**
- **Designed for application by fluidized bed, hot flock or electrostatic/hot spray.**
 - **Preheat: 20 minutes @ 450° F**
 - **Dip/Spray Cycle: As required (seconds)**
 - **Postheat: 1 minutes @ 450° F**
 - **Film thickness: 8.0-12.0 mils**
- **Shelf life is expected to be at least twelve months from date of shipment when stored in dry conditions at less than 70° F (21.1° C).**

TYPICAL PERFORMANCE CHARACTERISTICS

| <u>PROPERTY</u> | <u>TEST METHOD</u> | <u>RESULTS</u> |
|---------------------------------------|----------------------------|------------------------------------|
| Specific Gravity | Calculated | 1.28 |
| Coverage | Calculated | 150 ft.²/lb./mil |
| Particle Size | ASTM D 3451 | +100 Mesh: 0% |
| Alpine Jet Sieve | %retained | +325 Mesh: 50-60 |
| Impact Resistance | ASTM D 2794 | 160 in.lbs. |
| Direct/Reverse | 5/8" indenter | |
| Hardness | ASTM D 1474 | > 16 KHN |
| Flexibility | | 180°, no cracks |
| # 6 rebar @ room temp. 6" dia. | | |
| Taber Abrasion | ASTM D 4060 | <100 mg. Loss |
| CS-10, 1000g load, 1000 cycles | | |
| Edge Coverage, Method B | RHPTM 10 | 40% @ 10.0-15.0 mils |
| Preheat: | 15 minutes @ 350° F | |
| Dip Cycle: | Dip 2 seconds | |
| Postheat: | 10 minutes @ 350° F | |

***Testing was performed on 24 gauge Bonderite® 1000 Parcolene® 60 panels**

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Important: Warranty and Disclaimer - The performance characteristics of these products vary according to product application, operating conditions, materials applied to or with and use. Since these factors can affect results, we strongly recommend that you make your own test to determine to your satisfaction whether the product is of acceptable quality has not been affected by storage or transportation and is suitable for your particular purpose under your own operating conditions prior to using any product in full scale production. Seller warrants the products to be free from defects in materials and workmanship. Such warranty is exclusive and is in lieu of any other warranty, express or implied, including but not limited to any implied warranty of merchantability of fitness for a particular purpose. No representative of ours has authority to waive or change this provision, which applies to all sales of these products.