

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

## CARBON STEEL - POWDER

### SPECIFICATIONS

**Product Application** - Steel structures, steel components and aluminum accessories purchased with steel structures. Use this system for advanced performance of paint wear with moderate corrosion protection.

**Warranty** - 10 years adhesion/corrosion and color/gloss retention.

**Surface Preparation** - The exterior steel surface is blast cleaned to Steel Structures Painting Council Surface Preparation Specification No. 6 (SSPC-SP6) requirements utilizing cast steel abrasives conforming to the Society of Automotive Engineers (SAE) Recommended Practice J827. The blast method used is a recirculating, closed cycle centrifugal wheel system with abrasive conforming to SAE Shot Number S280.

**Interior Coating** - Interior surfaces (pole shafts only) at the base end for a length of approximately 2.0' are coated with the same coating used on the exterior. The coating is electrostatically applied and cured in a gas fired convection oven.

**Prime Coat** - High Build Epoxy Powder. Epoxies are used as a primer under various exterior durable top-coats. They add film build, corrosion resistance, chip resistance, and adhesion. They are not color stable when exposed to UV light and must be top-coated for gloss and color retention.

**Exterior Coating** - Fluoropolymer Powder. Fluoropolymers are the top of the line for exterior weatherability and UV stability. They would offer the best exterior durability of all of the above listed powders. They will meet the AAMA 2605 gloss and color requirements. They can be used in a single coat over most metals in a mild or moderate environment. They offer good scratch and abrasion resistance.

All exterior surfaces are coated to an average dry film thickness (DFT) of 7 mils on the bottom 8' of the pole. The average dry film thickness (DFT) is 5 mils above 8' and on the arms. The coating is electrostatically applied and cured in a gas fired convection oven. The thermosetting powder resin provides adhesion that meets 5A or 5B classifications of ASTM D3359.

The V-PRO 100 finish system is available in 11 standard colors that match the most commonly used colors in the industry. There are thousands of other colors available upon request.

Standard colors available:

- Black (BK)
- Dark Bronze (DB)
- Medium Bronze (MB)
- White (WH)
- Light Gray (LG)
- Bronze (CB)
- Dark Green (DG)
- Sandstone (ST)
- Hunter Green (HG)
- Slate Gray (SG)

