



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 intermediate performance of paint wear and moderate corrosion protection.

Warranty - 5 years adhesion/corrosion

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. The prime coat is applied to an average dry film thickness (DFT) of 5 mils on the bottom 8' of the pole. The average dry film thickness (DFT) is 3 mils above 8' and on the arms.

Exterior Coating - Super Durable Powder. Super Durable powders are very similar to the TGIC Polyesters as far as their use, but offer better exterior gloss and color retention. They can be used as single coat systems over most metal substrates for mild to moderate exposure conditions. They offer good scratch and abrasion resistance. Most Super Durables will meet the requirements of AAMA 2604 for gloss and color retention.

The exterior coating is applied to an average dry film thickness (DFT) of 3 mils. 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 53 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)
- Silver (SL)

