

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

## GALVANIZING - POWDER

### SPECIFICATIONS

**Product Application** - Steel structures and steel components. Use this system for intermediate performance of paint wear and long term corrosion protection.

**Warranty** - 5 year adhesion/corrosion and color/gloss retention.

**Zinc Coating** - The product is hot-dip galvanized to the requirements of either the current revision of ASTM A123 (Specification for Zinc Coatings on Iron and Steel Products) or the current revision of ASTM A153 (Specification for Zinc Coating on Iron and Steel Hardware). AASHTO, MILSPEC or International specifications can be accommodated when requested in advance.

**Surface Preparation** - The galvanized surface is prepared for painting by sweep blasting to the current revision of ASTM D6386 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.

**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 57 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)

