

# Superior Z-Coat™

The best finish product in the industry

## Multi-Part Process

**Stage 1: Mild Steel** - Blast all steel to "White" condition to remove all surface rust and oil. This process insures a raw steel finish for proper adhesion for Stage 4 (Zinc TGIC Powder Prime Coat).

**Galvanized Steel** - A light blast to remove all surface contaminants.

**Stage 2:** Air Induction Cleaning Stage to remove all dust from Stage 1 (Blast Process).

**Stage 3:** Pre-Heat steel at 1.5 ft per line minute for 13ft in IR oven to a temperature of 250 Degrees to prepare steel for Stage 4 (Epoxy TGIC Powder Coating Zinc Rich Primer Process).

**Stage 4:** Electrostatic Application of Epoxy TGIC Powder Coating Zinc Rich Primer. Unlike any other shade manufacturer, we are utilizing an actual TGIC Zinc Powder Coating Rich Primer. This stage 3 application is applied at 3 mils and has been salt spray tested for 4000 + hours using the ASTM Method B117. Note: The 4000 hours of salt spray testing is only with the Zinc Rich TGIC Powder Coat Primer and before the Stage 5 TGIC Top Powder Coat application of an additional 3 mils of TGIC Powder Coat.

**Stage 5:** Electrostatic application of TGIC Top Powder Coat at 3 mils. This application, along with the Stage 4 Epoxy TGIC Powder Coating Zinc Rich Primer, produces a total of 6 mils of finished Powder Coating and has tested at 5000+ hours using the ASTM Method B117. It is important to note that testing was discontinued at 5000 hours.

**Stage 6:** Final cure of coatings at 450 degrees for 30 minutes.

## Color Chart



*\*Indicated colors that are 30% gloss. All other colors are 90% gloss.*