

Field Painting

CUSTOM COLORS & THE DELTAGUARD FINISH

Most of our products are delivered with the DeltaGuard® finish. DeltaGuard is among the finest industrial finishes available today.

It is a sophisticated, total finishing system for aluminum and steel parts that includes:

- Meticulous cleaning to remove all surface contaminants.
- Pretreatment that chemically etches the metal surface for better paint adhesion.
- An electrodeposited epoxy primer that provides matchless corrosion resistance.
- A baked-on ultra-durable colored powder topcoat that offers outstanding resistance to chalking and fading.

DeltaGuard combines excellent appearance and long-lasting durability with exceptional abrasion, corrosion, UV and impact resistance.

Occasionally, custom colors are required on projects involving our products. We have worked with several brands of liquid paint and have had good field painting results when using PPG Industries Delstar® Acrylic Enamel. Application of a PPG topcoat to the DeltaGuard finish will continue to provide DeltaGuard corrosion resistance but will no longer have the DeltaGuard UV resistance. Therefore, any warranty related to fading or adhesion of the new topcoat to the DeltaGuard finish is null and void when a topcoat is applied to the DeltaGuard finish.

CHANGING COLORS

When changing colors in the field, the DeltaGuard finish provides a superior base coating to paint over. Here are the steps to follow:

- Delstar Acrylic Enamel is designed for application by professionally trained personnel only, using proper equipment under controlled conditions. It is not intended for sale to the general public.
- If necessary, wash the surface to be painted with soap and water.
- Lightly sand with #150-360 grit sandpaper to rough up the surface.
- Use PPG Industries Delstar Acrylic Enamel (DAR) blended to the desired color.
- Follow label directions and mix with PPG Industries Deltane Ultra® (DXR 80) catalyst to retain gloss and reduce recoat sensitivity. **This step is required.**
- Follow label directions and add PPG Industries DTR Reducer to help spray application.
- Agitate mix thoroughly before using.
- Apply enough coats to cover over the base color. Usually 2–3 thin coats will be required. Allow each coat to air dry 15–20 minutes before applying succeeding coats.
- Air dry overnight at temperatures of 70°F–85°F/21°C–29°C, or force dry 40 minutes at 140°F/60°C before placing in service.
- Spraying of any material can be hazardous. Read and follow all warnings and cautions found on the container labels.

TO PURCHASE PPG PRODUCTS

PPG Finishes are recognized as outstanding metal finishing products and are available worldwide. Their materials can be obtained by calling the PPG Industries Technical Services Department in Strongsville, Ohio at (440) 572-6111 or the PPG Refinishing Group in Great Britain at 44-1449-771-775.

