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## **Technical Brief**

# **Zinc Gray EFH-615-P6**

Zinc Gray is a Zinc Rich epoxy coating designed as an exceptional powder primer for ferrous substrates. Zinc Gray will offer outstanding corrosion protection for products exposed to severe environmental conditions. This unique thermoset epoxy technology incorporates a well-known corrosion inhibitor that works by sacrificing itself to protect the metal substrate.

In addition to corrosion fighting, this coating also has superior physical properties such as good edge coverage, flexibility, and impact resistance. Zinc Gray can also be used as a stand-alone finish, if the parts do not require UV protection.

### **APPLICATION METHOD AS A PRIMER TO BE TOPCOATED**

Apply the powder using electrostatic spray equipment. Heat the coated part(s) only long enough to melt and flow the powder coating into a continuous film. Do not heat the coating and substrate to the point where the coating cures and cross-links. A topcoat can be applied once the primer melts. Use another cure cycle to insure that the topcoat and primer are completely cross-linked. Once the primer and topcoat are cured, the corrosion protection will be maximized.

### **TYPICAL USES**

Primer for architectural steel, marine hardware, coil springs, outdoor furniture, and military applications.

### **APPROVAL**

Department of the Navy: TACOM "Performance Standard for Combat Grade Powder Coat Paint". Can be used as a direct substitute for any MIL-P-53022 or MIL-P-53030 primer.

