

Technical data sheet

Date	: 8/14/2012
Product name	: Interpon 100
Product code	: AL101QF (Formerly 13-7004)
Color	: Zinc Rich Gray – Interpon 100
Product Description	: Interpon 100 is a series epoxy based powder coatings that exhibit excellent corrosion protection and chemical resistance when applied over a properly prepared metal substrate. Interpon 100 is designed for interior application only. Interpon 100 powders are available in gloss, satin, matte and texture finishes in a wide range of colors.

Powder properties

Type	: Epoxy
Gloss (Gardner 60°)	: 65-80
Specific gravity	: 2.94 +/-0.05 g/cm ³
Coverage at 1.0 mil	: 65.4 sq.ft/lb/mil
Storage conditions	: Maximum 80°F
Shelf life	: 12 months
Film thickness	: 1.8-2.2 mils
Cure Schedule	: 6 minutes at 375° F

Typical Performance Characteristics

Pencil Hardness/Mar	: H-2H	ASTM D3363
Pencil Hardness/Gouge	: 4H-5H	ASTM D3363
Cross Hatch Adhesion	: 5B	ASTM D3363
Salt Spray Resistance:		
(Blasted Steel)	: < 1/4" creep @ 3528 hrs	ASTM B117
(Iron Phosphate)	: < 1/8" creep @ 4032 hrs.	ASTM B117
(Zinc Phosphate)	: < 1/8" creep @ 4032 hrs.	ASTM B117
	:	
Impact Resistance	: 160	ASTM D2794

Substrate pre-treatment

Steel surfaces to be coated must be clean and free from grease. For maximum protection, it is essential to pre-treat components prior to the application of **Interpon 100**. Iron phosphate and zinc phosphate of ferrous metals improve corrosion resistance.

Application

Interpon 100 powders can be applied by manual or automatic electrostatic spray equipment. Unused powder can be reclaimed using suitable equipment and recycled through the coating system. It is recommended that for consistent application and appearance product be fluidized during application.

