



Technical Data

EPOXY

Powder Coating

Description:

Jamestown’s EPS Epoxy powder coatings, which are used on the Presidential Podium, are designed for applications where a combination of excellent mechanical properties is complimented by excellent chemical and corrosion resistance. These high performance coatings provide excellent flexibility and smoothness. Epoxy powder coatings are not recommended for applications where weathering resistance is critical.

Product: EPS-1319 Presidential Blue		
Gloss	2.0-4.0% (60° geometry)	
Specific Gravity	1.53 ± 0.05	
Recommended Bake	15 minutes @ 325°F (metal temperature)	
Film Thickness	1.3 to 3.5 mils recommended	
Impact Resistance	80 inch pounds direct	ASTM D-2794
Hardness	2H pencil	ASTM D-3363
Flexibility	1/4 inch mandrel	ASTM B-522
Adhesion	100% crosshatch	ASTM D-3359
Overbake Resistance	100% time at temperature	
Corrosion	1000 hrs ≤ 1.0mm creep	ASTM B-117
Humidity	1000 hrs no blisters	ASTM D-2247
Weatherability	Not recommended for outdoor applications	
Storage	9 months when stored at 75°F or less	

Properties tested over 20-gauge iron phosphated steel.
 Results are based on laboratory evaluations and are offered as guidance without warranty.