

# **E SERIES**

## **EPOXY POWDER COATINGS**

### **APPLICATION CONDITIONS**

Protech E Series Epoxy powder coatings are particularly suited for indoor applications, where U.V. resistance and exterior durability are not of prime importance, but where chemical resistance is required. In addition these coatings have excellent flexibility, hardness and scratch resistance. They are intended for use on metallic substrates.

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<b>Pretreatment</b>	For steel – iron or zinc phosphating For aluminum – chromating
<b>Application conditions</b>	Electrostatic powder spray 40 to 120 kv (Kilovolt)
<b>Film thickness</b>	For normal usage 1.5 mils to 3.0 mils (depending on colours and finishes)
<b>Specific gravity</b>	1.2 to 1.9 (depending on colours)
<b>Coverage</b>	160 to 100 (depending on colours) square feet per pound per 1 mil at 100% efficiency
<b>Baking schedules</b>	METAL TEMPERATURE 6-8 minutes at 300°F (149°C) (low bake) 4-6 minutes at 400°F (205°C) (regular) 10 minutes at 400°F (205°C) (slow curing)
<b>Typical applications</b>	Dielectric containers Heavy-duty tools Hardware Parts for automotive Pipes and shelvings in chemical environments

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Protech Chemicals Ltd.  
7600 Henri Bourassa West  
St-Laurent, Quebec, Canada H4S 1W3  
Tel: (514) 745-0200 • Fax (514) 745-5774