

# **D SERIES**

## **POLYESTER TGIC FREE POWDER COATINGS**

### **APPLICATION CONDITIONS**

Protech D Series TGIC free Polyester powder coatings are particularly suited for outdoor applications, where U.V. resistance and weatherability are required. In addition these coatings have excellent flexibility, chemical and mechanical properties. They are intended for use on metallic substrates.

<b>Pretreatment</b>	For steel – iron or zinc phosphating For aluminum – chromatizing
<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 8-10 minutes at 280°F (138°C) (super low bake) 8-10 minutes at 320°F (160°C) (low bake) 5-7 minutes at 400°F (205°C) (regular)
<b>Typical applications</b>	Architectural products Air conditioners Fencing Lawn mowers Mail boxes Patio furniture Lampposts



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