

U SERIES

POLYURETHANE POWDER COATINGS

APPLICATION CONDITIONS

Protech U Series Polyurethane powder coatings are suited for applications where excellent flow is required, and where U.V. and outdoor resistances are required. The polyurethanes also have excellent flexibility, and good detergent resistance. They are intended for use on metallic substrates.

Pretreatment	For steel – iron or zinc phosphating For aluminum – chromatizing
Application conditions	Electrostatic powder spray 40 to 120 kv (Kilovolt)
Film thickness	For normal usage 1.5 mils to 3.0 mils (depending on colours and finishes)
Specific gravity	1.2 to 1.9 (depending on colours)
Coverage	160 to 100 (depending on colours) square feet per pound per 1 mil at 100% efficiency
Baking schedules	METAL TEMPERATURE 9 minutes at 400°F (204°C) 13 minutes at 375°F (191°C) 18 minutes at 365°F (185°C)
Typical applications	Air conditioners Garden furniture Fencing Lawn mowers Wheels Patio furniture Pool accessories Lampposts Window frames Satellite dish antenna



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