



**Z-SERIES™**

**SUPER-DURABLE EXTERIOR POWDER COATINGS**

## **APPLICATION CONDITIONS**

Protech's Z-series™ super durable exterior powder coatings are ideally suited for outdoor applications where excellent UV resistance and weatherability are required. In addition, these coatings have excellent chemical and mechanical properties. They are intended for use on metallic substrates. Our Z-series™ powders comply with the specifications of AAMA 2604-02.

<b>Pretreatment</b>	For steel – iron and 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 color and finish)
<b>Specific gravity</b>	1.2 – 1.9 (depending on color)
<b>Coverage</b>	160 – 100 (depending on color) sq.ft. / lb / 1mil at 100% efficiency
<b>Baking schedule</b>	METAL TEMPERATURE 8 – 10 minutes at 320°F (160°C) (low bake) 5 – 7 minutes at 400°F (204°C) (regular)
<b>Typical applications</b>	Aluminum extrusions Automotive topcoat Architectural products Air conditioners Fencing Mail boxes Patio furniture Lampposts



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