

TECHNICAL BULLETIN

Highlights

POWERCRON 210 is PPG's one-coat economical anodic acrylic technology. Its advantages include:

- The most cost effective electrocoat product available with over 20 years of production history.
- Single coat system.
- Ultra smooth appearance.
- Excellent color control and gloss stability enhanced with excellent overbake resistance.
- Low bake capabilities as low as 300°F.
- Wide film build ranges are possible.
- Product is manufactured and shipped at high solids reducing inventories and shipping costs.
- UL recognized.

Technical Properties

Property	Test Method	Performance
Color	---	Any; Excellent Overbake
Film Thickness	---	0.8 - 1.0 Mils
Gloss - 60 Degree	ASTM D523	50 - 85
Pencil Hardness	ASTM D3363	HB - H
Crosshatch Adhesion	ASTM D3359	4B - 5B
Direct Impact	ASTM D2794	100 in-lb Minimum
Reverse Impact	ASTM D2794	60 in-lb Minimum
Salt Spray	ASTM B117	48 - 96 Hours
Humidity	ASTM D1735	500 Hours Minimum
Water Soak	ASTM D870	250 Hours Minimum

Film properties based on iron phosphate pretreatment

Commercial Uses

- Air Diffusers
- Hangers
- Metal Office Furniture
- Metal Strapping
- Range Hoods
- Switchgear
- Toolboxes
- Wire Screen

Application Data

Bake: 20 minutes at 300°F (149°C) metal temperature
VOC: 1.7 - 2.7 lbs per gallon minus water (as supplied)
HAPs: None
Heavy Metals: None



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