



TECHNICAL BULLETIN

Highlights

POWERCRON 6000CX is PPG's epoxy technology known for its robust operation.

Features include:

- Wide window of operation
- Excellent corrosion resistance
 - No lead, chrome or zinc
 - Excellent performance with non-chrome sealers
 - Improved performance with zirconium pretreatment
- Reduced emissions
 - VOC less than 0.5 lb/gal
 - Non-HAP coating
- Performance advantages
 - Good protective throwpower
 - Smooth film appearance
 - Good topcoatability
- One-Component feed system
 - Improved quality and consistency
 - Reduced lab testing
 - Simplified material handling

Technical Properties

Property	Test Method	Performance
Color	---	Black
Film Thickness	ASTM D7091	0.5 - 1.5 Mils
Gloss - 60 Degree	ASTM D523	65 - 85
Pencil Hardness	ASTM D3363	2H Minimum
Direct Impact	ASTM D2794	100 in-lb Minimum
Reverse Impact	ASTM D2794	60 in-lb Minimum
Crosshatch Adhesion	ASTM D3359	4B - 5B
Humidity	ASTM D1735	1000 Hours Minimum
Water Immersion	ASTM D870	250 Hours Minimum
Gravelometer	GM9508P	6 Minimum
Throwpower	GM9535P	12 - 15 inches

Cold Rolled Steel Lab Panels, Zinc Phosphate Pretreatment.
0.6 mils Average Film Thickness, Cure 20 Minutes @ 350°F

Property	Substrate / Pretreatment	Salt Spray* 1000 Hours	20 Cycle** Scab
Corrosion Resistance	CRS/Zinc Phos/Non-Chrome	1 - 2 mm	1 - 2 mm
	CRS/Iron Phos/Non-Chrome	3 - 6 mm	3 - 8 mm

(Average Total Scribe Creep), * Salt Spray - ASTM B117

** Cycle Scab - GM9511P, Cold Rolled Steel Lab Panels

Cure 20 Minutes @ 350°F

Commercial Uses

- Agricultural & Construction
- Automotive Parts
- Electrical Equipment
- Heavy Duty Trucks
- Underwriter Laboratory (UL)
- And many more

Application Data

Standard Bake: 20 Minutes at 350°F Metal Temperature

VOC: 0.45 lbs. per gallon minus water (as supplied)

HAPs: None

Heavy Metals: None

Note: Cationic epoxy technologies are not color stable.



PPG Industries
151 Colfax Street
Springdale, PA 15144
1-800-PPG-ECOAT
www.ppgcoat.com
ecoatinfo@ppg.com

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