



## TECHNICAL BULLETIN

### Highlights

POWERCRON 756 combines aesthetic beauty with a tough durable coating. Its advantages include:

- Low bake capabilities below 300°F.
- Smooth, mirror like coating has exceptional clarity.
- “Wet look” finish.
- Available in a wide range of colors and glosses.
- The ability to replace two coat operations with a similarly performing one-coat process.
- Excellent overbake resistance.
- Salt spray capability of 200 hours.
- Heavy metal-free formulation.

### Technical Properties

Property	Test Method	Performance
Color	---	Any Color
Film Thickness	---	1.2 - 1.5 MILS
Gloss - 60 Degree	ASTM D523	50 - 95
Pencil Hardness	ASTM D3363	F - H, Good Mar
Crosshatch Adhesion	ASTM D3359	95 - 100%
Direct Impact	ASTM D2794	100 in-lb Minimum
Salt Spray	ASTM B117	200 Hours Minimum
Humidity	ASTM D1735	500 Hours Minimum
Exterior Durability	Florida (1 Year)	60 - 80% Gloss Retention

Film properties based on iron phosphate pretreatment

Property	Substrate / Pretreatment	Salt Spray*	Salt Spray*
		100 Hours	200 Hours
Corrosion Resistance	CRS/Zinc Phos/Non-Chrome	0 - 6 mm	0 - 9 mm
	CRS/Iron Phos/Non-Chrome	3 - 9 mm	9 - 15 mm

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

Property	Product	100	200	300	400	500
		Hours	Hours	Hours	Hours	Hours
Durability	POWERCRON 756	95 - 100%	95 - 100%	90 - 95%	85 - 90%	80 - 85%

**QUV Method** - **ASTM G53**  
**Cycles** - **8 Hours UV/4 Hours Condensation**  
**Bulbs** - **UVB 313**

**\*Note:** QUV results vary according to pigment formulation and cure temperature. Above numbers should be considered average.

### Commercial Uses

- Agricultural Equipment
- Decorative Clears
- Decorative Clears
- Lawn & Garden Products

### Application Data

**Bake:** 20 minutes at 300°F (149°C) metal temperature  
**VOC:** 2.3 - 2.7 lbs per gallon minus water (as supplied)  
**HAPs:** None  
**Heavy Metals:** None



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