

## **Highlights**

PPG's Enviracryl™ and Envirocron™ powder coatings are aesthetically pleasing, produce a durable uniform finish and can be custom formulated with finishes from high gloss to low gloss, and in a variety of textures.

PPG's "World Class" Ultradurable
Polyester Powder Coatings provide a
combination of good physical and chemical
resistance properties with excellent
resistance to outdoor weathering. This
extensive line of Polyester Powders is
manufactured to meet the increasing
requirement demands of the automotive
and industrial markets. These
sophisticated Polyesters are the solution to
your smoothness, low-bake, durability and
physical property requirements. An
unsurpassed application development
program enables consistently friendly use
on a variety of substrates.

## **Product Features**

Available in a wide range of colors and glosses

Excellent Exterior durability Good chemical resistance

Easy to apply

Non Skid Effect

Specifically formulated to meet the

requirements of

**AAMA 2604** 

**Technical Properties** 

Droporty	Test Method	Value
Property	rest iviethod	value
Color		Non Skid Black
Appearance		Texture
Gloss	ASTM D-523	2.0 - 5.0 @ 60°
Adhesion	ASTM D-3359	Dry: 100% (5B Pass) Wet: 100% (5B Pass) Boiling Water: 100% (5B Pass)
Hardness	ASTM D-3363	H Pencil (Eagle)
Impact Resistance	ASTM D-2794	100 in-lbs Direct 80 inlbs reverse
Abrasion	ASTM D-968	Pass - Coefficient Value Min 20
Conical Mandrel	ASTM D-522	1/4"
Salt Spray	ASTM B-117	3000 Hrs. Pass Blister Rating - 8 Minimum Scribe Rating - 7 Minimum
Humidity	ASTM D-2247	3000 Hrs. Pass Blister Rating - 8 Minimum

Film Properties were determined using 3.0 - 4.0 mils powder film over Alodine (chromated aluminum) test panels.

## **Application Data**

Application Type: Electrostatic Spray

Recommended Bake: 10 Minutes at 400 °F Metal Temperature

See Cure Curve PCS-012

Specific Gravity:  $1.59 \pm .05$ 

Theoretical Coverage: 121 Sq. Ft. per pound at 1.0 mil

Shelf Life from Date of

77 °F Maximum - 12 Months

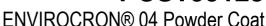
Manufacture (@ 40-60% RH):

PPG recommends that all material be used in FIFO order (first in - first out). Materials that exceed the recommended shelf life should be tested prior to use.



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## **Technical Properties**

**Property** 

Weathering

South Florida Exposure EMMAQUA NTW Chalk Resistance Gloss Retention Color Retention Resistance to Erosion

Chemical Resistance Muriatic Acid

Mortar Nitric Acid Detergent Immersion Window Cleaner **Test Method** 

Minimum 5 Years Minimum 1450 MJ ASTM D4214A ASTM D523 ASTM D2244 ASTM D224

15 minute spot test 24 hour pat test 30 minute vapor test 38C for 72 hours 10 drops for 24 hours Value

Pass Pass

> Pass - No more than 8 Pass - Minimum 30% Pass - < 5.0 DE

Pass - Less than 10% film loss

Pass: No color change, no loss of adhesion, no blistering or no visual appearance change



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