

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 appliance 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

Conforms to the exterior exposure requirements of AAMA 2604

Technical Properties

Property	Test Method	Value
Color		Meridian AG Red
Appearance		Smooth
Gloss	ASTM D-523	90 - 100 @ 60°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	80 in.-lbs. Direct-No Flaking 80 in.-lbs. Reverse-No Flaking
Conical Mandrel	ASTM D-522	1/8" - No Flaking
Salt Spray	ASTM B-117	1000 Hrs. Pass
Humidity	ASTM D-1735	100F, 100% RH - 1000+ hours

Film Properties were determined using 2.0 - 3.0 mils powder film over 22 gauge (0.032") cold rolled steel B1000 test panels.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	15 Minutes at 325 °F Metal Temperature See Cure Curve PCT-017
Specific Gravity:	1.25 ± .05
Theoretical Coverage:	154 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@ 40-60% RH):	77 °F Maximum - 24 Months

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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We protect and
beautify the world™

PCTT69272

ENVIROCRON® Powder Coat

Technical Properties

Property	Test Method	Value
Weathering		
South Florida Exposure	Minimum 5 Years	Pass
Chalk Resistance	ASTM D4214A	Pass - No more than 8
Gloss Retention	ASTM D523	Pass - Minimum 30%
Color Retention	ASTM D2244	Pass - < 5.0 DE



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