



PRODUCT DESCRIPTION

CORAFLO[®] spray-applied architectural extrusion powder coatings are thermosetting fluoropolymer systems which are recommended for use in a variety of architectural applications.

Available in a rich palette of colors, they are highly resistant to chalking, fading, chipping and peeling when properly applied by an approved applicator.

CORAFLO powder coatings resist dirt collection and chemical staining, and can significantly reduce maintenance and restoration costs over time.

CORAFLO architectural powder coatings are aesthetically pleasing and can be custom formulated with finishes from high gloss to low gloss.

These powder coatings are designed to meet the physical test requirements of AAMA' 2605 specifications. CORAFLO powder coatings are the architectural coatings of choice when ultimate durability and performance are specified.

SYSTEM OVERVIEW

CORAFLO architectural powder coating is a one coat fluoropolymer system. The coatings are designed for use over properly cleaned and pretreated aluminum substrates. CORAFLO architectural powder coatings cure chemically into a durable, inert fluoropolymer system to attain rich colors

including micas and a wide range of gloss levels (20 – 80 @ 60°). CORAFLO architectural powder coatings offer a low maintenance finish that is resistant to marring and abrasion while providing excellent gloss and color retention.

COMMERCIAL USES

Architects and specifiers require coatings that provide an attractive appearance throughout a building's lifetime.

CORAFLO architectural powder coatings have been formulated to provide exceptional visual appeal in a wide range of architectural and other applications. Based upon durability-proven fluoropolymer chemistry, CORAFLO architectural powder coatings provide excellent color retention and hiding

ability, gloss levels from satin to high luster and a combination of improved mar resistance and excellent weatherability. Their exceptional versatility makes them an excellent choice for applications such as monumental buildings, curtain walls, doors, windows, sash extrusions, handrails, poles, exterior lighting fixtures, fences and many other applications.

DURABILITY

CORAFLO architectural powder coatings have been formulated to provide ultimate resistance to weathering and ultraviolet degradation. Their chemically inert composition makes them a good choice for use in industrial environments. CORAFLO architectural powder coatings

are highly resistant to marring and abrasion, withstand airborne pollution without staining or discoloring, and retain their excellent long term appearance. The coatings require little maintenance and can be easily cleaned with mild detergents.

CORAFLO and the PPG logo are registered trademarks of PPG Industries, Inc.





CORAFLO SPECIFICATIONS	
Colors Available²	White, black, and a full range of solid and pearlescent colors
Dry Film Thickness ASTM D1400	2.5 mils ± 0.5 Apply 2 mils minimum
Gloss ASTM D523 @ 60°	20 - 80
Pencil Hardness ASTM D3363	F minimum
Cross Hatch Adhesion 1/16" grid	Excellent - No removal
Direct Impact 1/10" distortion	Excellent - No removal
Acid Resistance ASTM D1308 10% muriatic acid spot test	15 minutes – No attack
Alkali Resistance Mortar pat test 100% relative humidity @ 100°F	24 hours – No attack
Detergent Resistance 3% immersion @ 100°F	72 hours – No attack
Salt Spray Resistance ASTM B117, 4000 hrs. 5% NaCl @ 100°F	1/16" maximum average scribe creep. None or few # 8 field blisters
Humidity Resistance ASTM D714 ASTM D2247, 4000 hrs. 100% relative humidity @ 100°F	None or few # 8 field blisters
Exterior Exposure³ 10 yrs. @ 45°, South Florida ASTM D3344 ASTM D4214 Film Integrity Gloss Retention	Maximum 5 fade Maximum 8 chalk Very good Greater than 30%

¹ American Architectural Manufacturers Association, Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels. Publication No. AAMA 2605-05

² The range of color availability will vary depending upon exposure requirements and architects' specifications.

³ While this coating has been formulated with the intent to meet the specifications in AAMA 2605, completed testing regarding South Florida Weathering requirements does not exist for all colors.

CORAFLO POWDER WARRANTY INFORMATION

PPG offers a comprehensive warranty on CORAFLO extrusion powder coatings. For complete warranty information and a copy of the CORAFLO extrusion powder coatings warranty, please call PPG at **1-800-258-6398**.

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PRODUCT DESCRIPTION

DURANAR fluoropolymer powder coatings, like DURANAR liquid coatings, are two-coat systems consisting of a patented primer and a unique durable color coat. They combine PPG proprietary resin and pigment technologies with 70% of the resin system being fluoropolymer base resins, manufactured with a patented process.

Environmentally friendly DURANAR powder provides harder surfaces which are extremely resistant to damage during fabrication, shipping, installation and use.

For more than 30 years DURANAR extrusion coatings have demonstrated proven performance on exterior aluminum surfaces. They are highly resistant to chalking, fading, chipping, and peeling when properly applied by an approved applicator. DURANAR coatings resist dirt collection and chemical staining, and can significantly reduce maintenance and restoration costs over time. They meet AAMA 2605 performance specifications and are the architectural extrusion coatings of choice when exceptional durability and performance are required.

SYSTEM OVERVIEW

DURANAR powder extrusion coatings provide outstanding durability and performance in a variety of exterior architectural applications. DURANAR coatings were commercialized over 30 years ago, they have gained worldwide recognition as the leader in high performance, low maintenance coatings. DURANAR powder's multi-coat system provides unparalleled durability. PPG's patented manufacturing process provides economic small batch availability and unmatched color capabilities.

DURANAR powder coatings provide exceptional aesthetics. They are available in a wide range of earthtone colors and offer excellent color consistency panel to panel compared to anodic finishes. DURANAR powder coatings are extremely inert, resisting chemical attack and surface damage caused by acid rain, salt deposits, mortar deposits, humidity, and graffiti. DURANAR powder coatings can also be repaired in the field if damaged.

COMMERCIAL USES

DURANAR powder extrusion coatings are formulated to provide the ultimate performance against weathering in environments where added protection against industrial or seacoast influences such as corrosive chemicals, salt spray, etc. is required.

The two-coat DURANAR system is the coating of choice for use on pre-formed aluminum components such as storefronts, curtainwalls, windows, and louvers.

DURABILITY

DURANAR coatings are chemically inert, providing outstanding resistance against color and gloss fade, and environmental stress such as acid rain and ultraviolet attack. All pigments are tested for a minimum of ten years in south Florida prior to approval for use in any DURANAR coating system.

Additionally, DURANAR coatings are tested at exposure sites throughout the world in all types of climatic and industrial conditions to ensure the coatings' outstanding performance and durability.

DURANAR and the PPG logo are registered trademarks and the PPG Certified Applicator Program logo is a service mark of PPG Industries, Inc.





DURANAR SPECIFICATIONS	
Colors Available¹	White, black, and a full range of solid colors
Dry Film Thickness ASTM D1400	0.2 mils - 0.3 mils Primer 2.0 mils ± 0.5 Color Coat ²
Gloss ASTM D523 @ 60°	20 - 30
Pencil Hardness ASTM D3363	2H
Cross Hatch Adhesion 1/16" grid	Excellent - No removal
Direct Impact 1/10" distortion	Excellent - No removal
Acid Resistance ASTM D1308 10% muriatic acid spot test	15 minutes – No attack
Alkali Resistance Mortar pat test 100% relative humidity @ 100°F	24 hours – No attack
Detergent Resistance 3% immersion @ 100°F	72 hours – No attack
Salt Spray Resistance ASTM B117, 4000 hrs. 5% NaCl @ 100°F	1/16" maximum average scribe creep. None or few # 8 field blisters
Humidity Resistance ASTM D714 ASTM D2247, 4000 hrs. 100% relative humidity @ 100°F	None or few # 8 field blisters
Exterior Exposure³ 10 yrs. @ 45°, South Florida ASTM D3344 ASTM D4214 Film Integrity Gloss Retention	Maximum 5 fade Maximum 8 chalk Very good Greater than 50%

¹ The range of color availability will vary depending upon exposure requirements and architects' specifications.

² Above 2.5 mils, mechanical properties will decline.

³ While this coating has been formulated with the intent to meet the specifications in AAMA 2605, completed testing regarding South Florida Weathering requirements does not exist for all colors.

DURANAR POWDER WARRANTY INFORMATION

PPG offers a comprehensive warranty on DURANAR extrusion powder coatings. For complete warranty information and a copy of the DURANAR extrusion powder coatings warranty, please call PPG at **1-800-258-6398**.

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PRODUCT DESCRIPTION

ENVIROCRON® ULTRADURABLE architectural powder coatings are spray-applied systems which are recommended for use in a variety of architectural applications. Based on thermosetting polyester resin technology, they offer building owners, architects and specifiers a unique blend of physical and chemical properties with excellent resistance to outdoor weathering.

ENVIROCRON ULTRADURABLE architectural powder coatings are aesthetically pleasing and can be custom formulated in a wide range of color, gloss and effects.

These powder coatings are designed to meet the physical test requirements of AAMA' 2604 specifications.

SYSTEM OVERVIEW

ENVIROCRON® ULTRADURABLE architectural powder coatings offer excellent color retention and chalk resistance to meet demanding architectural needs. Film hardness of H to 2H can be achieved with ENVIROCRON

ULTRADURABLE powder coatings. ENVIROCRON ULTRADURABLE powder coatings offer excellent aesthetics, resulting in a smooth and beautiful finish and are a complimentary product to PPG ACRYNAR® liquid extrusion coatings.

COMMERCIAL USES

ENVIROCRON ULTRADURABLE architectural powder coatings' combination of improved mar resistance and excellent weatherability make them

an excellent choice for use in high traffic areas such as store fronts, schools, hospitals, flag poles, high-rise condominiums, and architectural accents.

DURABILITY

ENVIROCRON ULTRADURABLE architectural powder coatings were designed to meet the AAMA 2604 weathering specifications. For applications requiring finishes that are easy to apply

and still offer improved long term durability, our ultradurable powder coating, ENVIROCRON ULTRADURABLE architectural powder coatings are an excellent choice.

ACRYNAR, ENVIROCRON and the PPG logo are registered trademarks of PPG Industries, Inc.





ENVIROCRON ULTRADURABLE SPECIFICATIONS	
Colors Available²	White, black, and a full range of solid and pearlescent colors
Dry Film Thickness ASTM D1400	2.5 mils ± 0.5 Apply 2 mils minimum
Gloss ASTM D523 @ 60°	High, medium, & low gloss
Pencil Hardness ASTM D3363	H – 2H
Cross Hatch Adhesion 1/16" grid	No removal
Direct Impact 1/10" distortion	No removal
Acid Resistance ASTM D1308 10% muriatic acid spot test	15 minutes – No attack
Alkali Resistance Mortar pat test 100% relative humidity @ 100°F	24 hours – No attack
Detergent Resistance 3% immersion @ 100°F	72 hours – No attack
Salt Spray Resistance ASTM B117, 3000 hrs. 5% NaCl @ 100°F	Meets or exceeds 1/16" maximum undercutting
Humidity Resistance ASTM D714 ASTM D2247, 3000 hrs. 100% relative humidity @ 100°F	Meets or exceeds specification of few # 8 blisters maximum
Exterior Exposure³ 5 yrs. @ 45°, South Florida ASTM D3344 ASTM D4214 Film Integrity Gloss Retention	Maximum 5 fade Maximum 8 chalk Very Good Greater than 30%

¹ American Architectural Manufacturers Association, Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels. Publication No. AAMA 2604-05

² The range of color availability will vary depending upon exposure requirements and architects' specifications.

³ While this coating has been formulated with the intent to meet the specifications in AAMA 2604, completed testing regarding South Florida Weathering requirements does not exist for all colors.

ENVIROCRON ULTRADURABLE WARRANTY INFORMATION

































PPG offers a comprehensive warranty on ENVIROCRON ULTRADURABLE extrusion powder coatings. For complete warranty information and a copy of the ENVIROCRON ULTRADURABLE extrusion powder coatings warranty, please call PPG at **1-800-258-6398**.



FAST-PASS COLOR SELECTOR



FUNDAMENTALS

				
PCT90190 0-10 Black Texture	PCT99104 40-50 MS45 Black	PCT90126 50-60 Black	PCT90111M 55-70 Black	PCT99125 55-65 60 Black
				
PCT99108 80+ @ 20° 80 Black	PCT99101 90+ Dark Gray	PCT90128 90+ Black	PCT90212 90+ Midnight Black	PCTZ90113 85-100 Functional Black
				
PCT70127 53-63 ANSI 49 Gray	PCT70158 55-65 ASA 70 Gray	PCT70157 55-65 ANSI 61 Gray	PCT70241 55-65 Gray	PCT79105 88+ Gray
				
PCT70133 90+ Gray	PCT80304 80-90 White	PCT80271 80-100 Sky White	PCT80209 85+ White	PCT80211 88+ White
				
PCT80198 90+ White	PCU97205 1-5 Black Wrinkle	PCU90180M 2-4 Black Texture	PCU99101 27-33 Black	PCU99105 85+ Black
				
PCU90207 90-100 Black Frame	PCSZ90104 15-25 03 Mission Black	PCSZ90102 35-45 03 Victorian Black	PCM90144 2-6 Black	PCM90133 79-91 Black
				
PCF70186 85+ @ 20° Smooth Gray Primer	PCM70140 55-70 Zinc Primer Gray			

The color chips on this card cannot be considered totally accurate color matches, and are not to be used as approved standards. All chips are read at a 60 degree angle unless otherwise noted.

A Solution for Any Situation

You'll find an answer to just about any application challenge in PPG's outstanding range of chemistries. All of our formulas are economical, easy on the environment, and backed by unmatched experience, technology, and service.



COLOR BASICS



PCT60108P 70-85
Holiday Red



PCF60119P 85+
Salsa



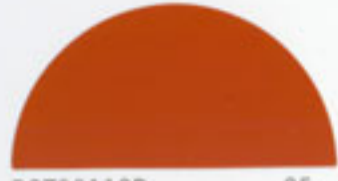
PCT67212 80-90
Ruby Red



PCT60111 85-95
Red



PCT69106 88+
Red



PCT30110P 85+
Tangelo



PCTK30108 85-95
Warehouse Orange



PCTK30107 85-95
Ares Orange



PCT30133 90
Orange



PCT30166 80+ @ 20°
F9H Agricultural Yellow



PCTZ30143 85+
Safety Yellow



PCT39100 88+
Bright Yellow



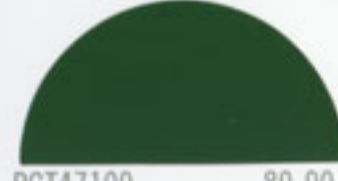
PCTZ39104 90+
CAT Yellow



PCT40100C 80+ @ 20°
F9A Green



PCT40108P 65-75
Limerick Green



PCT47100 80-90
Forest Green



PCT47216 80-90
Moss Green



PCT47220 80-90
Fir Green



PCT40140 80+
Dark Green



PCT50150 55-70
Gentex Blue



PCT57220 80-90
Sky Blue



PCT57209 80-90
Ultramarine Blue



PCT57226 80-90
Night Blue



PCT50111 85+
Blue



PCTK60106 15-30
Currant



PCT27226 80-90
Copper Brown



PCT27234 80-90
Chocolate Brown



PCT39102 90+
MS42 Power Tan



PCF80144 80+
Almond



PCT80169P 85+
Almond

EXTERIOR OR INTERIOR:

PCS = Polyester TGIC-FREE
PCT = Polyester TGIC
PCU = Polyester Urethane
PCC = Acrylic (GMA)

INTERIOR ONLY:

PCF = Polyester Epoxy (Hybrid)
PCM = Epoxy or Epoxy Low Cure

CLEAR:

PCT10107 - 95+ @ 60°
■ PCM10114 - 100+ @ 20°
▲ PCC10103S - 80+ @ 20°

■ Epoxy clear cannot be used as an exterior product.

▲ Complete application system cleaning may be required before and/or after acrylic products are used due to blend incompatibility with other chemistry products.

Introducing the Fast-Pass Color Selector

This PPG **Fast-Pass** color collection makes your most-used materials the easiest to order, and helps you suggest selections that get the job done on time and on budget.



SPECIALTY



*PCT75119 40-70
Standard Silver Metallic



*PCT75120 60-70
Silver Metallic



*PCTP73130 60-85
Misty Silver



*PCT73106 60-85
MS19 Silver



*PCTP73106 85+
Quicksilver



*PCTP23109 75-85
Nickel Finish



*PCUK75100 55-65
Arctic Silver



*PCFP25100 60-85
Satin Nickel Metallic



*PCFP75106 60-85
Thundercloud Metallic



*PCFP73101 60-85
Silver Storm



PCT23104 2-10
Vintage Brown



*PCT25101 10-20
Bronze Metallic



PCU24100 2-15
Café Noir



PCMP23100 2-10
Cinnamon Coffee Metallic



*PCSP93101 10-40
Gold Vein



*PCSP93102 10-40
Silver Vein



*PCFP73104 4-20
Pompeii Gray Vein



*PCT25103 2-5
Cognac Texture Metallic



PCT24102 5-20
Suede Speckle Texture



PCMP93100 2-10
Bronze Matte Hammetone



*PCFP23104 0-20
Mocha Ice Sandtex



*PCFP23108 0-20
Bronze Ice Sandtex



*PCFP73103 2-10
Taos Silver Sandtex



*PCFP75107 0-20
Thundercloud
Metallic Sandtex



*PCT75117 >200
*PCU75126
Mirror Silver

*Recommend a clear coat for exterior durability.

ARCHITECTURAL METAL COATINGS



Bronze 20-30
2603 PCSZ20107
2604 PCSZ29109



Seawolf 25-35
2603 PCSZ20101
2604 PCSZ29106



Bone White 25-35
2603 PCSZ80100
2604 PCSZ89104



Art Deco Black 25-35
2603 PCSZ90101
2604 PCSZ99103



Architectural Silver 30-40
2603 PCS73108
2604 PCS73111

Formulated to meet the requirements of AAMA performance specifications for organic coatings on aluminum.

**Global Resources,
Neighborhood Attention**



The people we serve tell us we're great to do business with. Get to know your PPG representative and you'll find out who you can turn to when the pressure is on.

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PPG Powder Coatings

PPG Powder Coatings

Getting your job done depends on how the people who back you up get *their* jobs done. So, since you'd rather work with people you can rely on, we make sure you can rely on us.

PPG is here for you, and here to stay. We're the most trusted industrial coatings supplier in the world. Founded in 1883, PPG manufactures coatings and paints, chemicals, optical products, specialty materials, glass, and fiberglass. We've been a leader in powder coatings technology for industrial, automotive, and architectural applications for over 25 years.

Applications

	Consumer Products Eye appeal: audio and video equipment, electronics, small electrics, compact appliances...		Auto Parts and Accessories Custom touches: bumpers, wheels, undercarriages, suspension parts, door handles, engine heads, trim, accessories...
	Major Appliances Not just white goods: washers, dryers, refrigerators, freezers, stoves, ranges...		Architectural Products Aluminum and steel: storefronts, railings, accents, trim, flagpoles, windows, doors, ceiling grids...
	Sports and Recreation High impact: bikes, motorcycles, snowmobiles, boats, fitness equipment, bats, racquets...		Heavy Equipment Tough enough: tractors, loaders, scissor lifts, cranes, loaders, backhoes...
	General Finishing Smooth and colorful: plumbing fixtures, faucets, furniture, lighting, tools, racks, bins, displays...		Heavy Trucks and Buses Roadworthy: frames, wheels, tow bars, gas tanks, door handles, transmission housings, axle housings, horns, springs, grilles...

Technology

Envirocron® Powder Coatings

Epoxy: Interior use. Excellent chemical and corrosion resistance. Superior hardness and abrasion resistance.

Epoxy Polyester Hybrid: Interior use. High flexibility and corrosion resistance.

Polyester: Exterior use. Chemical and corrosion resistance. Mar and chip resistance.

Urethane Polyester: Exterior use. Thin film chemical and corrosion resistance. Mar and chip resistance.

Enviracryl® Powder Coatings

Acrylic: Exterior use. High clarity and smoothness. Superior chemical resistance. Please note that acrylics may not be blend compatible with other chemistries.

Advanced Powder Coatings

Bonded Metallic Powder Coatings

High "Chrome-Look" Powder Coatings

Fluoropolymer



We Listen

We spend a lot of time visiting shops like yours. That's how we learn what you need, and how we can deliver it.



Technical Savvy

From surface prep to application to curing, your operation is our fixation. And our experts have seen and solved more challenges than you can imagine.



We're PPG

We've been a leader in industrial, automotive, and architectural powder coatings for over 25 years.

We'll stick with you.

Just a few of the many reasons why working with us can even out your process, improve your quality, help you control costs, and keep your customers satisfied.



Unbeatable Quality

Color consistency and run-ability, time after time and batch after batch: That's why we meet or exceed ISO and QS standards.



Total Sourcing

For high-solids, waterborne, UV, clear-coat, or pretreatment products — in batches large or small — the only name you need to remember is ours.



Quick Response

Need it fast? Rely on us for timely, complete delivery — no matter what it takes.



PPG has long been committed to making 'green' products and pursuing business practices that protect the environment.



PPG Powder Coatings