WORLD-CLASS PRODUCT LINE

PPG offers a broad and deep product line second to none in the industry. For every application in a restoration project and at every price point, there is a PPG coating ideally suited for the job.

PRIMERS AND BARRIER COATS

Selecting the right primer for your renovation project is critical to increasing the overall quality and durability of your paint finish. The PPG Building Renewal™ Program offers a range of fluoropolymer, epoxy, acrylic and specialty primers and air barriers designed for a variety of substrates and surface challenges.

CORAFLON® ADS (AIR-DRY SYSTEM) INTERMIX

A two-component, fluoropolymer coating, Coraflon ADS Intermix is the fastest, simplest and most cost-effective way to restore metal panels. With a long life expectancy and superior gloss and color retention, Corafion ADS Intermix system delivers a low-maintenance finish that stands the test of time even under extreme environmental conditions. The Coraflon ADS Intermix system is designed to be used on structurally sound surfaces, including architectural metals, curtain walls, standing seam roofs, aluminum windows, doors, handrails and stairs. This includes ferrous metal surfaces, such as water tanks and ornamental entrance ways.

DURANAR® ADS

A one-component, air-dry fluoropolymer topcoat, Duranar ADS is used to restore the color and renew the integrity of the original metal finish. Duranar ADS is based on the same resin technology (PVDF fluoropolymer) as PPG Duranar factory-applied coil and extrusion finishes. These finishes have been performing well on metal and standing seam roofs in every climate condition for over 40 years. These spray-applied coatings can be used for spot repaints or to refinish an entire building.

BRP URETHANES

PPG BRP Urethanes are high-performance, two-component coatings used to restore exterior architectural metals and metal roofs. The BRP Urethane Coatings are extremely durable and offer long-lasting color and gloss retention under a wide range of exterior exposures. Ideal for use in creating colorful storefronts or matching a vibrant color sample, PPG BRP Urethanes can provide you with the high-chroma colors and special effects your project needs.

BRP ACRYLICS

The BRP Acrylic Coatings are an economical choice for a low-VOC, durable water-borne coating to restore existing metal panels and standing seam metal roofs. By choosing BRP Acrylics, you can help extend the useful life of a building or structure. This single-component, water-borne acrylic is convenient, supplied ready to use, and does not require mixing two components or measuring prior to use.

THINNERS

A variety of thinners and solvents are available through the PPG Building Renewal Program. These solvents are recommended to be used with the PPG Building Renewal primers, air barriers and topcoats.



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METAL PRODUCT SELECTOR GUIDE

PROTECTION. DURABILITY AND BEAUTY

restorations needs.

At PPG, we understand that tight renovation deadlines, budget constraints and tough substrate conditions can complicate a building restoration project. The PPG Building Renewal[™] line of metal coatings can help you overcome these obstacles with confidence. PPG Building Renewal's comprehensive system of technologically advanced coatings equips you with products to meet the demands of an array of substrates and surface conditions, while providing durable protection and lasting beauty.

A wide variety of coatings are available for various types of metal substrates encountered in the renovation market. Selecting the right type of coating and the right application protocol for a given project is the first step in achieving a quality result, and the PPG Building Renewal Metal Coatings Product Selector Guide has been designed with this in mind. The Product Selector Guide provides a quick and easy way for you to find solutions to all of your metal coating needs, categorizing the Building Renewal Program family of metal coatings into the following five groups:

- Primers and Barriers Coats
- Coraflon[®] ADS Intermix Topcoats
- Duranar[®] ADS Topcoats
- BRP Urethane Topcoats • BRP Acrylic Topcoats

The statements, technical information and recommendations for the products mentioned herein are based on best available data and practices known to PPG Architectural Coatings at the present time.





A guide to choosing the right metal coatings system for your building



																		FE4	TURES AND B	ENEFITS											SUBSTRATE						
	Product Code	Product Type	Int/Ext Use	Color	Tintable	Sheen	VOC (g/L)	Coverage	Application Temperature Range (air, surface, paint)		Pot Life	Wet Film	Dry Film			Dry to Recoat [§]		Thinning Required ^s	Thinners	Application Metho	Gloss Retention I (ASTM D523)	Color Retention (ASTM D2244)	Abrasion Resistance (ASTM D4060)		e Chemical Resistance (AAMA 605.2)		Impact Resistance (ASTM D2794)			Salt Fog (ASTM B117)	PVDF Coated Metal Ste	Tigh Galvanized Adhe I Steel Rus			Ferrous C Metal		Drywall
Coraflon® ADS Wash Primer	ADS225/ADS226	Vinyl Butyral	Int/Ext	Translucent Yellow	No	Flat	728	260 to 438	50°F	4:1:1	8 hours (Between 60°F - 90°F)	4 to 6	0.3 to 0.5	5 min	10 min	2 to 48 hrs [£]	No	Yes	ADS703	See technical data sheet	N/A	N/A	N/A	N/A	N/A	5A	N/A	N/A	N/A	N/A	X	X		X			
Coraflon® ADS PVDF Bonding Primer	ADS510/ADS512	Polyamide Epoxy	Int/Ext	White	No	Satin	227	215 to 538	50°F	1:1	3 to 4 hours @ 77°F	3 to 7.5	2 to 5	3 hrs	6 hrs	6 hrs	No	As needed up to 10%	ADS702, ADS706	Spray, Brush, Roll	N/A	N/A	Tabor Loss CS-17 100 g	N/A	N/A	5A~	160 Forward/ 80 Reverse Cross hatch No loss	F	Pass 1/4" No Cracking	9, 4 mm Creepage	X						
Coraflon® ADS PVDF Bonding Primer	ADS511/ADS512	Polyamide Epoxy	Int/Ext	Gray	No	Satin	227	215 to 538	50°F	1:1	3 to 4 hours @ 77°F	3 to 7.5	2 to 5	3 hrs	6 hrs	6 hrs	No	As needed up to 10%	ADS702, ADS706	Spray, Brush, Roll	N/A	N/A	Tabor Loss CS-17 100 g	N/A	N/A	5A~	160 Forward/ 80 Reverse Cross hatch No loss	F	Pass 1/4" No Cracking	9, 4 mm Creepage	x						
Coraflon® ADS Zinc Rich Epoxy Primer	ADS570A/ADS570B/ ADS570Z	Polyamide, Epoxy & Zinc Dust	Int/Ext	Red-Gray	No	Matte	405	275 to 367	50°F	Refer to TD	24 hrs @ 77°F	4.4 to 5.8	3 to 4	1 hr	4 hrs	4 hrs	No	No	ADS702	Spray Only	N/A	N/A	Tabor Loss CS-17 319 g	N/A	N/A	3A CRS	N/A	5Н	N/A	9, No Creepage					X		
Coraflon® ADS Epoxy Intermediate Primer	ADS573/ADS574	Polyamide Epoxy	Int/Ext	White	No	Satin	227	215 to 538	50°F	1:1	3 to 4 hours @ 77°F	3 to 7.5	2 to 5	3 hrs	6 hrs	6 hrs	No	As needed up to 10%	ADS702, ADS706	Spray, Brush, Roll	N/A	N/A	Tabor Loss CS-17 100 g	N/A	N/A	5A	160 Forward/ 80 Reverse Cross hatch No loss	F	Pass 1/4" No Cracking	9, 4 mm Creepage	X	X X	K	X X	X		
Coraflon® ADS Epoxy Intermediate Primer	ADS572/ADS574	Polyamide Epoxy	Int/Ext	Gray	No	Satin	227	215 to 538	50°F	1:1	3 to 4 hours @ 77°F	3 to 7.5	2 to 5	3 hrs	6 hrs	6 hrs	No	As needed up to 10%	ADS702, ADS706	Spray, Brush, Roll	N/A	N/A	Tabor Loss CS-17 100 g	N/A	N/A	5A	160 Forward/ 80 Reverse Cross hatch No loss	F	Pass 1/4" No Cracking	9, 4 mm Creepage	x	X X	ĸ	X X	X		
BRP Acrylic Primer 100% Acrylic	BRP4912	Acrylic Latex	Int/Ext	White	No	Flat	90	156 to 314	50°F	N/A	N/A	5.1 to 10.2	2 to 4	15 min	30 min	1 hr	No	As needed up to 5%	Water	Spray, Brush, Roll	N/A	N/A	N/A	N/A	N/A	5A	160	6B	Conical Mandrel PASS	N/A	X	X		X X	X	x x	X
BRP Acrylic Primer 100% Acrylic	BRP4909	Acrylic Latex	Int/Ext	Gray	No	Flat	90	156 to 314	50°F	N/A	N/A	5.1 to 10.2	2 to 4	15 min	30 min	1 hr	No	As needed up to 5%	Water	Spray, Brush, Roll	N/A	N/A	N/A	N/A	N/A	5A	160	6B	Conical Mandrel PASS	N/A	x	X		X X	X	x x	X
Coraflon® ADS Barrier Coat	ADS564/ADS1B	FEVE (fluoropolymer)	Int/Ext	Off White	No	Satin	156	266 to 390	50°F	16.2:1	4 hours @ 77°F	4.1 to 6.0	1.5 to 2.2	1 to 2 hrs	10 to 12 hrs	4 hrs	No	As needed up to 20%	ADS706, ADS710, ADS719	Spray Only	5 years FLA >98%	10 years FLA DE <5	ASTM D968 50 L min.	10 years FLA 8	N/A	No Loss	Reverse 1/16" Cross hatch No Loss	HB-H	3- T-Bend No Cracking or Pick-off	N/A	X* X*	X*		X* X*	Х*		
Corafion® Urethane Mastic DTM	ADS651/ADS650B	Acrylic Urethane	Int/Ext	White Base	Yes	Gloss	241	209 to 349	50°F	5:1	3 hours @ 77°F	4.6 to 7.7	3 to 5	2 hrs	8.5 hrs	8.5 hrs	Yes	As needed up to 5%	ADS705, ADS706, ADS708, ADS709	Spray, Brush, Roll	2 years FLA 80%	2 years FLA DE <2.0	Tabor Loss CS-17 120 g	N/A	Excellent	5A	>160	F	Conical Mandrel PASS	10, No Creepage	X* X*	Х*			Х*		
Coraflon® Urethane Mastic DTM	ADS650/ADS650B	Acrylic Urethane	Int/Ext	Neutral Base	Yes	Gloss	243	199 to 332	50°F	5:1	3 hours @ 77°F	4.8 to 8.0	3 to 5	2 hrs	8.5 hrs	8.5 hrs	Yes	As needed up to 5%	ADS705, ADS706, ADS708, ADS709	Spray, Brush, Roll	2 years FLA 80%	2 years FLA DE <2.0	Tabor Loss CS-17 120 g	N/A	Excellent	5A	>160	F	Conical Mandrel PASS	10, No Creepage	X* X*	Х*			Х*		
Coraflon® Intermix ADS	ADSxxxxxx	FEVE (fluoropolymer)	Int/Ext	Various	Intermix	Satin	156	263 to 386	50°F	16.2:1	4 hours @ 77°F	4.2 to 6.2	1.5 to 2.2	1 to 2 hrs	10 to 12 hrs	4 hrs	No	As needed up to 20%	ADS706, ADS710, ADS719	Spray, Brush, Roll	5 years FLA >98%	10 years FLA DE <5	ASTM D968 50 L min.	10 years FLA 8	Acid - No effect; Nitric Vapors - <5DE Hunter units	No Loss	Reverse 1/16" Cross hatch No Loss	HB-H	3- T-Bend No Cracking or Pick-off	N/A	X* X*	X* X*	*	Х* Х*	Х*		
Coraflon® Intermix ADS	ADSxxxxxx	FEVE (fluoropolymer)	Int/Ext	Various	Intermix	Gloss	126	263 to 386	50°F	16.2:1	4 hours @ 77°F	4.2 to 6.2	1.5 to 2.2	1 to 2 hrs	10 to 12 hrs	4 hrs	No	As needed up to 20%	ADS706, ADS710, ADS719	Spray, Brush, Roll	5 years FLA >98%	10 years FLA DE <5	ASTM D968 50 L min.	10 years FLA 8	Acid - No effect; Nitric Vapors - <5DE Hunter units	No Loss	Reverse 1/16" Cross hatch No Loss	HB-H	3- T-Bend No Cracking or Pick-off	N/A	X* X*	X* X*	*	X* X*	Х*		
Coraflon® ADS Intermix Clear	ADS100CC30	FEVE (fluoropolymer)	Int/Ext	Clear	No	Satin	149	212 to 313	50°F	16.2:1	4 hours @ 77°F	5.1 to 7.5	1.5 to 2.2	1 to 2 hrs	10 to 12 hrs	4 hrs	No	As needed up to 20%	ADS706, ADS710, ADS719	Spray, Brush, Roll	5 years FLA >98%	N/A	ASTM D968 50 L min.	10 years FLA 8	Acid - No effect; Nitric Vapors - <5DE Hunter units	No Loss	Reverse 1/16" Cross hatch No Loss	HB-H	3- T-Bend No Cracking or Pick-off	N/A	X* X*	X* X*	*	Х* Х*	Х*		
Coraflon® ADS Intermix Clear	ADS100CC80	FEVE (fluoropolymer)	Int/Ext	Clear	No	Gloss	149	212 to 313	50°F	16.2:1	4 hours @ 77°F	5.1 to 7.5	1.5 to 2.2	1 to 2 hrs	10 to 12 hrs	4 hrs	No	As needed up to 20%	ADS706, ADS710, ADS719	Spray, Brush, Roll	5 years FLA >98%	N/A	ASTM D968 50 L min.	10 years FLA 8	Acid - No effect; Nitric Vapors - <5DE Hunter units	No Loss	Reverse 1/16" Cross hatch No Loss	HB-H	3- T-Bend No Cracking or Pick-off	N/A	X* X*	X* X*	*	Х* Х*	Х*		
Coraflon® ADS Intermix Mica/ Pearlescence	ADxLxxxxx	FEVE (fluoropolymer)	Int/Ext	Various	Intermix	Satin	135	240 to 352	50°F	16.2:1	4 hours @ 77°F	4.5 to 6.7	1.5 to 2.2	1 to 2 hrs	10 to 12 hrs	4 hrs	No	As needed up to 20%	ADS706, ADS710, ADS719	Spray Only	5 years FLA >98%	10 years FLA DE <5	ASTM D968 50 L min.	10 years FLA 8	Acid - No effect; Nitric Vapors - <5DE Hunter units	No Loss	Reverse 1/16" Cross hatch No Loss	HB-H	3- T-Bend No Cracking or Pick-off	N/A	X* X*	X* X*	*	Х* Х*	Х*		
Coraflon® ADS Intermix Mica/ Pearlescence	ADxLxxxxx	FEVE (fluoropolymer)	Int/Ext	Various	Intermix	Gloss	135	240 to 352	50°F	16.2:1	4 hours @ 77°F	4.5 to 6.7	1.5 to 2.2	1 to 2 hrs	10 to 12 hrs	4 hrs	No	As needed up to 20%	ADS706, ADS710, ADS719	Spray Only	5 years FLA >98%	10 years FLA DE <5	ASTM D968 50 L min.	10 years FLA 8	Acid - No effect; Nitric Vapors - <5DE Hunter units	No Loss	Reverse 1/16" Cross hatch No Loss	HB-H	3- T-Bend No Cracking or Pick-off	N/A	X* X*	X* X*	*	Х* Х*	Х*		
Coraflon® ADS Intermix Metallic	ADxLxxxxx	FEVE (fluoropolymer)	Int/Ext	Various	Intermix	N/A	235	240 to 352	50°F	16.2:1	4 hours @ 77°F	4.5 to 6.7	1.5 to 2.2	1 to 2 hrs	10 to 12 hrs	4 hrs	No	As needed up to 20%	ADS706, ADS710, ADS719	Spray Only	N/A	10 years FLA DE <5	N/A	10 years FLA 8	N/A	N/A	N/A	N/A	3- T-Bend No Cracking or Pick-off	N/A	X* X*	X* X*	*	X* X*	Х*		
DURANAR ADS Topcoats	UC10XXXX	Fluoropolymer	Ext	Various	Intermix	Satin	764	125	40°F	N/A	N/A	5	1	5 to 15 min	15 to 30 min	30 min	No	1 to 1	ADS715, ADS716	Spray Only	3 years FLA >91%	3 years FLA DE <0.5	N/A	3 years FLA 10	N/A	5A	120	3B	Conical Mandrel PASS	N/A	X* X*	X* X*	*	Х*			
BRP Low VOC Satin Acrylic Urethane Finish	BRP1501/ BRP1502	Acrylic Urethane	Int/Ext	Various**	Yes	Satin	<50	437 to 583	60°F	3:1	Varies	3.3 to 4.4	1.5 to 2.0	3.5 hrs	3.5 hrs	4 hrs	No	As needed up to 20%	ADS706	Spray, Brush, Roll	1,500 hrs	1,500 hrs QUV B DE <1	N/A	N/A	10% N ₂ OH: No Effect 10% HCI: No Effect	5A	150 Forward/Reverse	F	N/A	9, No Creepage	X*	X* X*	*	Х Х*	Χ*	χ*	
BRP Low VOC Gloss Acrylic Urethane Finish	BRP1580/BRP1502	Acrylic Urethane	Int/Ext	Various**	Yes	Gloss	<50	437 to 583	60°F	3:1	Varies	3.1 to 4.1	1.5 to 2.0	3.5 hrs	3.5 hrs	4 hrs	No	As needed up to 20%	ADS706	Spray, Brush, Roll	1 E00 hrs	1,500 hrs QUV B DE <1		N/A	10% H ₂ SO ₄ : No Effect 10% N ₂ OH: No Effect 10% HCI: No Effect	5A	150 Forward/Reverse	F	N/A	9, No Creepage	χ*	X* X*	*	Х Х*	χ*	Χ*	
BRP Satin Acrylic Urethane Finish	BRP1001/BRP1002	Acrylic Urethane	Ext	Various**	Yes	Satin	326	210 to 316	60°F	3:1	8 hours @ 70°F	1.5 to 2	2.0	30 min	3 hrs	10 min to 24 hrs	No	As needed up to 10%	ADS704, ADS706, ADS708	Spray, (Brush, Roll)**	1,000 hrs WOM 97%	1,500 hrs QUV B DE <1	Tabor Loss CS-10 248 g	N/A	10% H ₂ SO ₄ : No Effect Excellent	54	120	4H	Pass 1/8" No Cracking	2000 hrs No Effect	Х*	X* X*	*	Х Х*	Х*	χ*	
BRP High Build Urethane Gloss Acrylic	BRP1080 series	Acrylic Urethane	Ext	Various**	Yes	Gloss	248	367 to 551	40°F	5:1	3 hours @ 77°F	2.9 to 4.4	2 to 3	2 hrs	2.5 hrs	4.5 hrs	Yes	As needed up to 15%	ADS704, ADS706, ADS708, ADS709	Spray, Brush, Roll	0	2 years FLA DE <3.5	T-h-m l-s-s-00.47	N/A	Excellent	5B	30	4H	Conical Mandrel PASS	10/10	χ*	X* X*	*	Х Х*	Χ*	Х*	
Int/Ext Satin 100% Acrylic Enamel	BRP4610 series	100% Acrylic	Int/Ext	White & Pastel	Yes	Satin	85	170 to 340	50°F	N/A	N/A	4.7 to 9.4	2 to 4	15 min	30 min	1 hr	No	As needed up to 5%	Water	Spray, Brush, Roll	2 years FLA	2 years FLA DE <2.0	N/A	Excellent	Very Good	54	160	В	Conical Mandrel PASS	Good	Χ*	Х*		Х Х*	χ*	χ* χ*	X*
Int/Ext High Gloss 100% Acrylic Enamel	BRP4910 series	100% Acrylic	Int/Ext	Pastel White & Pastel	Yes	Gloss	90	164 to 328		N/A	N/A		2 to 4	15 min	30 min	1 hr	No	As needed up to 5%	Water	Spray, Brush, Roll	2 years FLA	2 years FLA DE <2.5		Excellent	Very Good	54	160	В	Conical Mandrel PASS	Good	Х*			х х*	Х*	χ* X*	χ*
				Pastel																	66%																