



FEVE fluoropolymer powder coatings

Outperforms standard FEVE powder in a single coat

PPG CORAFLO[®] powder coatings have been trusted around the globe to protect architectural extrusions and sheet aluminum for over 20 years. As the next leap forward in FEVE fluoropolymer technology, PPG *Coraflon* Platinum powder is an FGIA/AAMA 2605-certified coating that provides significant improvements over standard FEVE powder in terms of both performance and aesthetic capability.

The patented formulation improvements deliver better corrosion protection in a single coat, a broader gloss range and specialty effects previously unavailable using FEVE technology. The fully reclaimable powder offers higher transfer efficiency than standard FEVE products as well, delivering fast film build with very little waste even in difficult-to-reach recesses. *Coraflon* Platinum coating is also specifically formulated without major substances of concern, including VOCs, HAPs, BPA, TGIC and PFOA¹.



Suggested markets
Building products
Specifications
FGIA/AAMA 2605

Suggested end uses	
Commercial and residential towers	Commercial centers
Universities and libraries	Corporate offices
Sporting venues	

The PPG Benefit



Improved corrosion performance in a single coat versus standard FEVE powders



20% higher transfer efficiency than standard FEVE powders



Wide range of colors and textures, including a new anodized finish



Broader gloss range than standard FEVE powders (5-85 vs. 25-70)



Specifically formulated without major substances of concern



Coraflon® Platinum



Product Characteristics	Test Standard	Results
Color	–	Solids colors, clears, metallics, micas and special effects (anodized, textured and more)
Gloss	ASTM D523	5 – 85 @ 60°; 5 – 100 @ 85°
Dry Film Thickness	ASTM D1400	2.0 – 3.0 mils
Substrates	–	Aluminum

Performance Properties ²	Test Standard	Results
Adhesion	ASTM D1400	Dry adhesion – 5B Wet and boiling water adhesion – 5B
Pencil Hardness	ASTM D3363	F minimum
Direct Impact Resistance	ASTM D2794	60 in.-lbs., no tape off
Cyclic Corrosion Resistance	ASTM G85, Annex A5, 4,000 hours	Pass Blister rating – 8 minimum Scribe rating – 7 minimum
Humidity Resistance	ASTM D2247, 4,000 hours	Pass Blister rating – 8 minimum
Exterior Exposure	ASTM D2244 ASTM D4214 10 Years @ 45°, South Florida	Maximum 5 ΔE fade Maximum 8 chalk

¹ Coraflon Platinum coatings are specifically formulated without TGIC, PFOA (Perfluorooctanoic acid), fluorosurfactants, VOCs (Volatile Organic Compounds), HAPs (Hazardous Air Pollutants) or Living Building Challenge (LBC) Red List substances and are REACH-compliant for Substances of Very High Concern (SVHCs).

² Testing performed with E-CLPS 2101 non-chrome over 6063 alloy. Hexavalent chromium-pretreated 2002 H14 alloy panels were used as controls.

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