

Trusted performance.  
Exceptional color.



PPG DURANAR<sup>®</sup> solid color,  
mica and metallic coil coatings



U.S. and Canada Only



We protect and beautify the world<sup>®</sup>



Via 57 West  
Duranar Sunstorm Coatings



## Proven performance for nearly 60 years

Recognized as one of the world's most specified architectural metal coatings, *Duranar* liquid coatings are formulated with 70% PVDF (polyvinylidene fluoride) combined with PPG's proprietary resin and pigment technologies. The high-performance formulations are available in a two-coat system with a corrosion-inhibitive primer and a durable fluoropolymer color coat or a three-coat system with a clearcoat layer for enhanced protection.

*Duranar* coatings demonstrate exceptional resistance to color fading, acid rain, ultraviolet rays, chipping and peeling when applied by an approved applicator. They meet or exceed FGIA/AAMA 2605 performance specifications for aluminum and are approved for use on properly cleaned and treated aluminum and coated steel products, including G90 hot-dipped galvanized, GALFAN®, GALVALUME® and ZINCALUME® substrates.

Additionally, *Duranar* coatings have passed third-party graffiti resistance<sup>1</sup> testing in accordance with Method A of ASTM D6578/D6578M-13 (2024) standards.

*Duranar* coatings are available in a diverse palette of rich solid colors, shimmering micas and dynamic metallics, with options for custom colors.

### The PPG Benefit

- Long-term durability
- Excellent resistance to chalk and color fade
- Outstanding corrosion and chemical resistance
- Exceptional graffiti resistance<sup>1</sup>
- Excellent flexibility helps with rigorous post-forming operations
- Minimal maintenance: can be cleaned with mild detergents and solvents
- Minor scratches can be repaired in the field

### Suggested industries

Building products

### Suggested end uses

Building panels

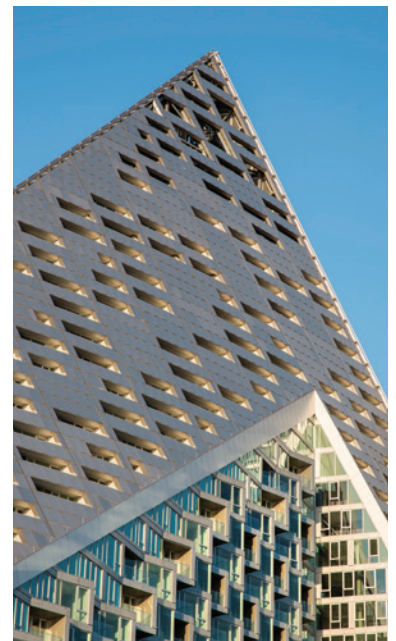
High-end storefronts

Curtain walls

Roof panels

### Specifications

FGIA/AAMA 2605





## Durandar coil coating products



### Durandar Solid Color Coil Coating System

When it comes to architectural design, color matters. So does performance. That is why generations of architects and building owners have counted on *Durandar* coil coatings to protect and beautify their metal building surfaces in various climates around the world. PPG offers an extensive color palette in a wide range of formulations, each designed to provide the desired balance of cost, aesthetics and performance.



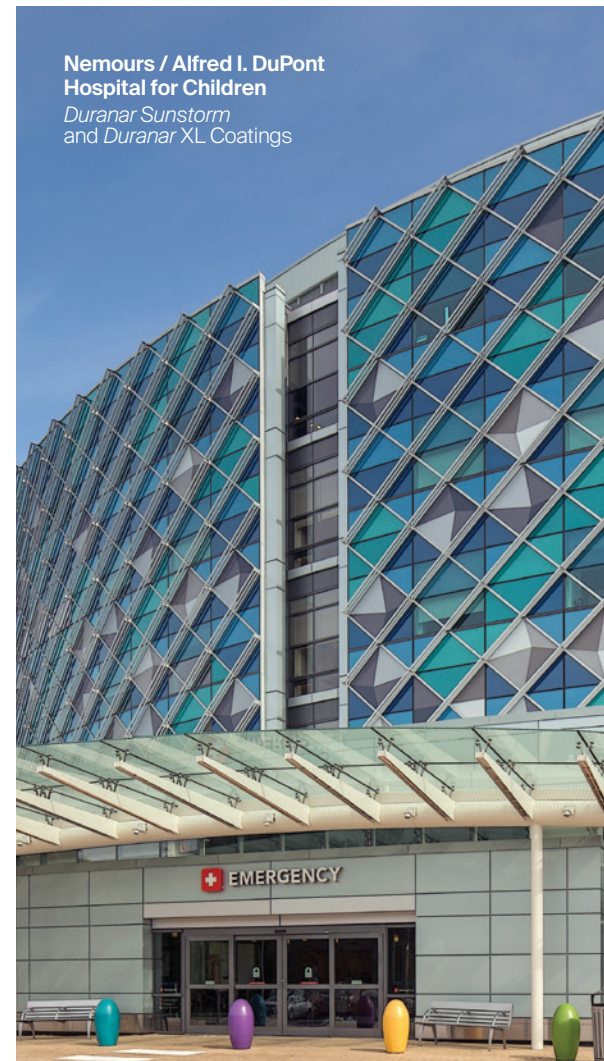
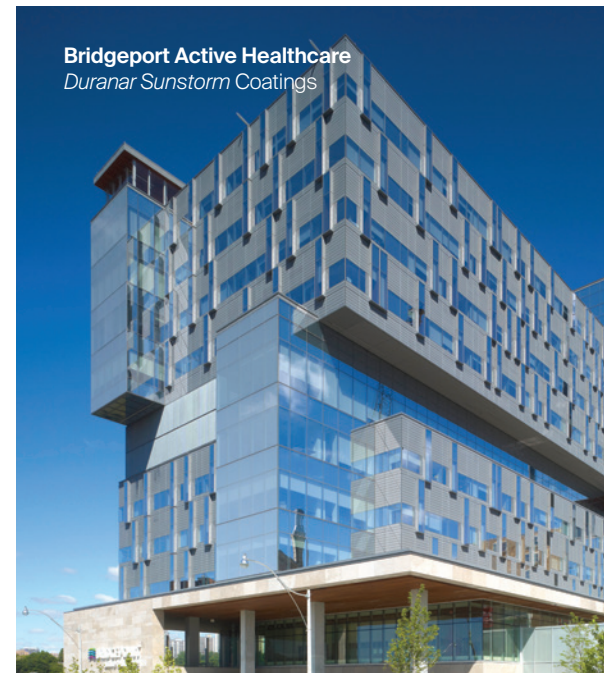
### Durandar SUNSTORM® Mica-Effect Coil Coating System

*Durandar Sunstorm* coating systems feature the same two-coat application as conventional *Durandar* solid color coating systems, adding pearlescent mica flake to the color layer to create a dazzling metalescent look – without the need for aluminum flake or a third-layer clear coat. *Durandar Sunstorm* coatings can also be formulated with PPG's proprietary ULTRA-COOL® infrared (IR)-reflective coating technology to help make buildings cooler, more comfortable and more energy-efficient.



### Durandar XL Metallic Coil Coating System

*Durandar XL* metallic coating systems offer added protection on metal roofs, wall panels and architectural components in difficult seacoast and industrial environments. The three- and four-coat systems consist of a primer, a barrier coat, a color coat (with or without mica flake) and a clear topcoat. The clear topcoat protects the color coat from atmospheric pollutants and enhances its durability. The barrier coat provides excellent UV protection for the primer when semi-transparent colors are applied. The overall film thickness creates a system with outstanding barrier protection, corrosion resistance, chemical resistance and toughness.



## Duranar coil coating products

Characteristics and performance apply to *Duranar Solid*, *Duranar Sunstorm* and *Duranar XL* coating systems.



Product Characteristics	Test Standard	Aluminum	Coated Steel <sup>2</sup>
Dry Film Thickness	ASTM D1400	0.20-0.30 mil primer 0.70-0.80 mil color/metallic 0.30-0.40 mil clear topcoat	0.20 mil primer 0.75 mil barrier 0.75 mil color/metallic 0.50 mil clear topcoat
Gloss	ASTM D523 Standard @ 60° Low gloss @ 85°	25 - 35 < 10	25 - 35 < 10

Performance Properties	Test Standard	Aluminum	Coated Steel <sup>2</sup>
Pencil Hardness	ASTM D3363	F - 2H	F - 2H
Flexibility (T-Bend) <sup>3</sup>	ASTM 4145	0 - 2 T-bend; no pick-off	0 - 2 T-bend; no pick-off
Adhesion	ASTM D3359	No adhesion loss	No adhesion loss
Reverse Impact	ASTM D2794 1.5 x metal thickness (aluminum) 3.0 x metal thickness (coated steel)	No cracking or adhesion loss No cracking or adhesion loss	No cracking or adhesion loss No cracking or adhesion loss
Acid Resistance	ASTM D1308 10% muriatic acid - 24 hours 20% sulfuric acid - 18 hours	No effect No effect	No effect No effect
Acid Rain Test	Kesternich SO <sub>2</sub> , DIN 50018	15 cycles minimum No objectionable change	15 cycles minimum No objectionable change
Alkali Resistance	ASTM D1308 10%, 25% NaOH, 1 hour	No effect	No effect
Salt Spray Resistance	ASTM B117 5% salt fog @ 95° F (35° C)	None or few #8 blisters; > 1/16" scribe creep average Passes 4,000 hours	None or few #8 blisters; > 1/16" scribe creep average Passes 1,000 hours
Humidity Resistance	ASTM D714, ASTM D2247, 100% relative humidity @ 95° F (35° C)	Passes 4,000 hours No #8 blisters	Passes 1,500 hours No #8 blisters
Exterior Exposure	ASTM D2244, ASTM D4214 10 Years @ 45°, South Florida	Maximum 5 fade Maximum 8 chalk	Maximum 5 fade Maximum 8 chalk
Graffiti Resistance <sup>1</sup>	ASTM D6578, ASTM D6578M-13	Meets or exceeds	Meets or exceeds

For project support, color samples or technical assistance, please email us at [ppgmetalcoatings@ppg.com](mailto:ppgmetalcoatings@ppg.com) or contact us at 1.800.258.6398.

Shown:

432 Park Avenue  
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Toronto, ON

Nemours / Alfred I. DuPont  
Hospital for Children  
Wilmington, DE

Via 57 West  
New York, NY

Photos by Tom Kessler

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<sup>1</sup> Graffiti resistance can be enhanced with additional *Duranar* or PPG CORAFLO<sup>®</sup> clearcoat layer. Refer to PPG's coil and extrusion maintenance guide for cleaning recommendations. Visit [ppgmetalcoatings.com](http://ppgmetalcoatings.com) for more information.

<sup>2</sup> Coated steel includes G90 hot-dip galvanized, *Galfan*, *Galvalume* and *Zincalume* substrates.

<sup>3</sup> Fracturing or rupturing of substrate will rupture coatings. Heavy-gauge and clad steel substrates impose limitations on formability. *Duranar* coatings are generally flexible beyond the point of substrate rupture.

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