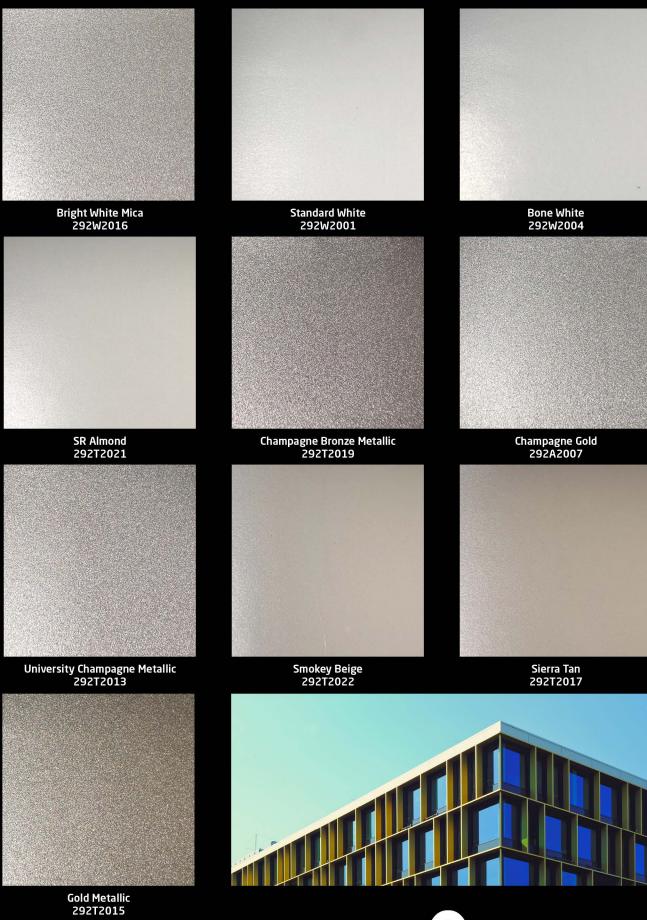


The Global Color Palette

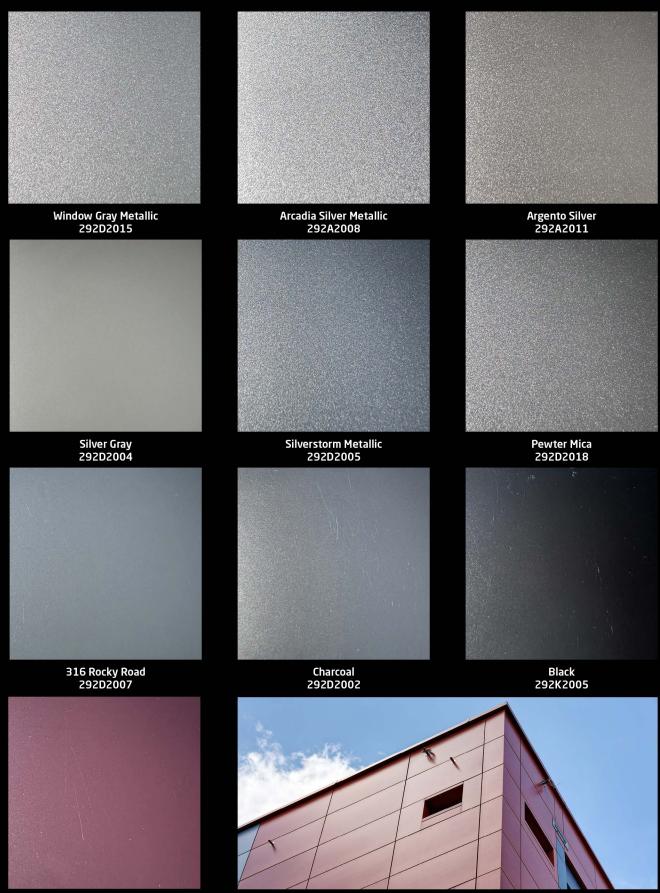
Durapon70® PVDF coatings for architectural extrusion











Boysenberry 292R2010



Storm Chaser Blue 292B2004EX

Durapon70® High Performance Spray PVDF fluorocarbon premium spray coating for aluminum extrusions

Durapon70® HP Spray PVDF is based on a unique proprietary resin system that incorporates 70% polyvinylidene fluoride (PVDF) and a unique acrylic. The system is designed to meet AAMA 2605 performance specifications. This premium system provides excellent color and gloss retention. The excellent gloss retention with color stability and excellent resistance to color chalk and fade make this long-lasting finish ideal for use on monumental and commercial building projects.

Color versatility

Available in a variety of colors including metallic and exotic finishes, Durapon70® HP Spray PVDF utilizes durable exterior grade and colorfast ceramic pigments to provide the colorfast performance needed for architectural projects. An efficient custom color matching process makes possible quick delivery of special colors to meet customer needs.

Durapon70® HP Spray PVDF system is designed for application to properly cleaned and pretreated aluminum extrusions. The system is a fully warranted coating designed to be applied as two-coat primer and finish coat system by certified applicators. The system is designed and tested to meet AAMA 2605 certification.

Quality assurance

Improved rheology produces a smooth finish across many application methods such as high-speed disks, high-speed bells, and electrostatic spray guns for consistent color, to speed production.

Durapon70® HP Spray PVDF features excellent dirt and stain resistance along with excellent chemical and mar resistant surface. The spray is excellent for many building product end uses such as windows, curtain walls, railings, trim, fascia and other exterior applications that require a high quality longlasting exterior finish.

Highlights:

- 70% PVDF coating
- Premium exterior performance
- Industrial applications
- Architectural applications
- Meets AAMA2605 requirements
- Exterior building products
- High quality needs



Durapon70® Performance Characteristics PVDF Fluocarbon

High-Efficiency Spray Coating

AAMA 2605 Specification for Extrusion Coating

Test	Description	Coating requirements	Durapon70° Performance
8.1	Color uniformity	Visual control	Instrument and visual control
8.2	Specular gloss at 60°	Medium and low gloss ranges	Controlled to ±5 units
8.3	Dry film hardness	F minimum	F-H
8.4	Film adhesion (dry, wet and boiling water)	No removal between scribes	No removal
8.5	Impact resistance	No removal of film	No removal
8.6	Abrasion resistance	Pass abbrasion coefficient	Pass
8.7.1	Muratic acid resistance	15 minute spot test	Pass
8.7.2	Mortar resistance	24 hours pat test, no visual change	Meets or exceeds spec
8.7.3	Nitric acid resistance	30 minutes, maximum 5∆E color	Pass
8.7.4	Detergent resistance	72 hours, no effect	Meets or exceeds spec
8.8.1	Humidity resistance	4,000 hours, few #8 blisters	Meets or exceeds spec
8.8.2	Cyclic corrosion	ASTM B685 2,000 hours	Pass
8.9.1.2	Weathering, color retention	< 5ΔE color change	Pass
8.9.1.3	Weathering, chalk resistance	≥ No 8 rating	Pass
8.9.1.4	Gloss retention	≥ 50% retention	Meets or exceeds spec
8.9.1.5	Weathering erosion	≤ 10% loss	Meets or exceeds spec

Durapon70° meets or exceeds all specifications of AAMA 2605







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