

Durapon 70® HP spray PVDF Fluorocarbon

High performance spray PVDF fluorocarbon premium spray coating for aluminium extrusions



Durapon 70® 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, Durapon 70® 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.

Durapon 70® 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.

Durapon 70® 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 long-lasting exterior finish.

Highlights

- 70% PVDF coating
- Premium exterior performance
- Industrial/architectural applications
- AAMA 2605

Ideal end uses

- High rise and low rise curtain walls
- Monumental architectural projects
- Anytime a superior paint finish is needed.

DuraCoat Products is an Axalta Coating Systems company.

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Performance characteristics

Specification	Test	Results	
AAMA 7.2	60° Specular gloss	10 - 90°	Gardner 60° meter or equivalent
AAMA 7.3	Dry film hardness	H - 2H	Pencil hardness text, no break in the film
AAMA 7.4	Film adhesion, wet and boiling water	Pass	No cross hatch adhesion loss with Scotch #610 tape
AAMA 7.5	Impact resistance deform 3mm	Pass	No cross hatch - tape adhesion loss
AAMA 7.6	Abrasion, falling sand	Pass	Greater than 40 abrasion coefficient value
AAMA 7.7	Chemical resistance	Pass	Minimal staining, no loss of film integrity
AAMA 7.8.1	Humidity test (3000 hours)	Pass	No more than few No. 8 blisters
AAMA 7.8.1	Salt spray corrosion test (3000 hours)	Pass	Less than 1.6mm creep at the scribe and a few No. 8 blisters
AAMA 7.9	Weathering 45° South Florida (exposure for 5 year)	Pass	No objectionable gloss loss or chalking, color less than 5 DE, chalk less than 8