



Fluoropon® Clean

EXTRUSION COATING SYSTEM

Use the **natural power of rain** to help your building stand out.

Valspar's Fluoropon Clean allows dirt to be naturally washed away from buildings.

What it is

Fluoropon Clean is everything you would expect from Valspar's flagship 70% PVDF coating system with the added benefit of resisting pollution and dirt build up. Get the benefit of "self"-cleaning without sacrificing on performance.

- Easy to apply—does not require any changes to coating line
- Meets industry standards for self-cleaning capabilities
- Can be used with multiple 70% PVDF coating systems

How it works

Fluoropon Clean utilizes a clear coat with proprietary hydrophilic technology that causes water to spread across the building's surface, naturally allowing dirt and pollution to be washed away. The result? Cleaner buildings that require less maintenance—saving you time, money and water.

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EXTRUSION COATING SYSTEM

DATA

Performance Specifications	Product Performance
Industry Specification AAMA 2605-13 ¹	Meets or exceeds all sections ²
Specular Gloss at 60° ASTM D 523 ²	Typical: 25-35 (Medium)
Pencil Hardness ASTM D 3363	F minimum
Film Adhesion	Pass
Impact Resistance	Pass
Abrasion Resistance ASTM D 968	Pass
Chemical Resistance	Pass
Humidity Resistance 100% RH 4,000 Hours ASTM D 2247	Rating 8: No more than a few field blisters per figure no. 4, ASTM D 714
Prohesion 2,000 Hours: ASTM G 85 Annex A5	Creep from scribe or edge no more than 1/16" (2 mm) Rating: 7 Field Blister Rating: 8
South Florida Exposure ASTM D 2244 ASTM D 4214	Color: No more than 5Δ Hunter units at 10 years Chalk: Rating no less than 8 at 10 years Gloss Retention: No less than 50% Erosion Resistance: Less than 10%
Flame Test ASTM E 84	Class A Coating
Water contact angle	55° maximum
Carbon Slurry Testing	Delta E: 0.7 maximum

APPLICATION

Application Method	Conventional or electrostatic spray
Substrate ¹	Aluminum only
Dry Film Thickness ASTM D 7091	Clear Coat: 0.3-0.5 mils Color Coat: 1.2-1.5 mils Primer: 0.3-0.5 mils Total system: 1.8-2.5 mils minimum
Viscosity ASTM D 562 (Stormer)	65 to 75 KU
Weight per Gallon ASTM D 1475	9.8 to 10.2 pounds per gallon (4.4 kg to 4.62 kg per liter) ⁴
Solids per Volume ASTM D 2697	28% to 32% as supplied ⁴
Solids per Weight ASTM D 2369	38% to 44% as supplied ⁴
Reducing Thinner 80/20 Blend	Xylol, butyl cellosolve
VOC (Theoretical) ASTM D 3960	5.5 to 5.9 pounds per gallon ⁴
Clean-Up Solvent	MEK
Recommended Bake Temperature	450° F for 10 minutes
Flash Point: ASTM D 3278	70° F



¹ American Architectural Manufacturers Association's ten year superior performing specification with increased performance to AAMA 2605.

² Applied in accordance with Valspar technical specification sheet on properly pretreated aluminum surfaces.

³ American Society for Testing and Materials.

⁴ Recommended for most colors. For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at www.valsparcoilextrusion.com.

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