

END USES

For use on monumental curtain walls, panels, column covers, skylights, louvers, windows, storefronts, or other architectural applications when a high performance finish is desired.



Flurospar spray applied coatings are the newest members of the Fluropon® coatings product line. These coatings have the same long life characteristics as the original formulation and will meet or exceed AAMA 2605 specification requirements.

Advancements gained in this formulation provide better mar resistance in the most environmentally responsible formulation available to the aluminum building products industry today.

Flurospar coatings are two-coat systems that utilize a full strength 70% Kynar 500® or Hylar 5000® fluoropolymer resin systems that provide maximum protection against chalking. The durable color is formulated with top quality mixed metal oxide (ceramic) pigments and select inorganic pigments that provide excellent protection against color fade. Flurospar is available in a wide variety of monochromatic color hues including whites, blacks, greens, blues, browns and reds. Pearlescent effects are also available in the Flurospar Classic II formulation.

The extra hardness found in Flurospar provides improved mar resistance to endure the physical abuses that can occur as a result of normal application, fabrication, transportation, and installation processes. This benefit is especially noticeable in darker colors that tend to show marring.

The environmental advantages of Flurospar coatings include:

- Long life cycle is vital to sustainable design plans.
- Improved mar resistance reduces waste and provides additional protection
- Lower VOCs and HAPs content. Levels are lower than the 2005 MACT standard for Miscellaneous Metals.
- No cadmium-based or lead pigments.
- Improved application features decrease energy consumption.
- ENERGY STAR® compliant formulations available.

Flurospar® coatings enhance the aesthetics of your building by providing durable color options for aluminum extrusions and panels such as curtainwalls, panels, louvers and grills, column covers, windows, doors, and skylights.

See the difference. Make the difference. Specify Flurospar coatings for your next project.

TO SPECIFY, WRITE: Factory spray applied, baked-on 70% Kynar 500 or Hylar 5000 PVDF fluoropolymer resin based paint coating Flurospar as manufactured by Valspar.

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.



PERFORMANCE PROPERTIES	
Industry Specification	Meets or exceeds AAMA 2605
Outdoor Exposure: 10 Years @ 45° South Florida ASTM D 2244 ASTM D 4214	Color : No more than 5Δ Hunter units ⁽¹⁾ Chalk: Rating no less than 8
Accelerated Weathering Dew cycle weatherometer 1000 hours ASTM D 3361 QUV cabinet: 2000 hours ASTM G 53	Color: No more than 5Δ Hunter units ⁽¹⁾ Chalk: Rating no less than 8 Color: No more than 5Δ Hunter units ⁽¹⁾ Chalk: Rating no less than 8
Salt Spray Resistance 4000 hours ASTM B 117	Scribe: Rating 7, 1/32" – 1/16" (1-2 mm) Field: Rating 8
Humidity Resistance 100% relative humidity @ 95° F 4,000 hours ASTM D 2247	Rating 8: No more than few field blisters per Figure No. 4, ASTM D 714
Pencil Hardness ASTM D 3363	H minimum
Film Adhesion	No loss of adhesion
Reverse Impact ASTM D 2794	1/10" deformation, No loss of adhesion
Flame Test ASTM E 84	Class A coating

APPLICATION CHARACTERISTICS	
Application Method	Conventional or electrostatic spray
Substrate	Aluminum only
Total Dry Film Thickness Primer 732x311 Color topcoat	1.2 mils minimum 0.2-0.4 mils 1.0-1.3 mils
Specular Gloss ASTM D 523	Typical: 25-35 at 60°, Lower sheen formulations are also available
Viscosity: ASTM D 562 (No. 3 Zahn Cup)	15-23 seconds as applied
Weight/Gallon: ASTM D 1475	9.5 – 10.5 lbs/gallon ⁽²⁾
Solids by Volume: ASTM D 2697	34% to 39% as supplied ⁽²⁾
Solids by Weight: ASTM D 2369	49% to 54% as supplied
Reducing Thinner:	Xylol/Butyl Carbitol
VOC (Theoretical): ASTM D 3960	4.6 – 5.0 lbs/gallon ⁽²⁾
Clean-Up Solvent:	MEK
Recommended Bake Temperature:	450°F (177° C) for 15 minutes
Flash Point: ASTM D 3278	75°F (24°C)

(1) Fluor spar Classic II color is not measurable due to reflectance properties of mica flakes used to create pearlescent effect.

(2) Varies because of color selection and applicator's requirements.

For details on health, safety and handling information, Material Safety Data sheets are available upon request.

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