



END USES

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



Flurospar® SR spray applied coatings are the most environmentally responsible coatings available to the aluminum building products industry today. They are the newest members of the Fluropon® coatings product line manufactured by Valspar and trusted by the industry for more than forty years.

This new, eco-friendly product is formulated with solar reflective (SR) pigments that keep building components cooler than bare aluminum or anodized aluminum. Leading green building programs including LEED and ENERGY STAR recognize the benefits of paints with high solar reflectance values. They decrease the amount of heat absorbed by a building resulting in energy savings and they help mitigate urban heat island effect. While these programs currently focus on roof temperatures, aluminum extrusions and wall panels coated with Flurospar SR finishes will also reduce surface temperature.

South Florida Comparison Data Surface Temperature		
Coating	SR Value	Avg. Surface Temperature
Standard Black	0.06	160-163°F
Black Flurospar SR	0.26	129-133°F

Flurospar SR finishes are available in a wide variety of colors including white, black, green, blue, brown and red. Pearlescent effects are also available in the Flurospar SR Classic II formulation. See Flurospar SR Classic II product information sheet for more details.

All Flurospar paint coatings have the same long life characteristics as the original formulation and meet or exceed AAMA 2605 specification requirements. These finishes are full strength 70% Kynar 500® or Hylar 5000® PVDF fluoropolymer based resin, two-coat systems that provide maximum protection against chalk and fade.

Additional environmental advantages of Flurospar coatings:

- Improved coverage ratio decreases the amount of energy used to apply finish
- Improved mar resistance
- Minimal need for touch-up or repainting
- No harmful off-gases from installed building components
- No cadmium or lead based pigments
- Aluminum coated with Valspar extrusion finishes is 100% recyclable
- Approximately 1/3 of the aluminum used in the US comes from recycled material

See Flurospar product information sheet for more details.

See the difference. Make the difference. Specify Flurospar SR 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 SR 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	
Solar Reflectance per ASTM C1549	0.25 or greater
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 total hours ASTM D 3361 QUV cabinet: 5000 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 732x310 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 (232° C) for 10 minutes
Flash Point: ASTM D 3278	75°F (24°C)

(1) Flurospar SR Classic II color is not measurable due to reflectance properties of mica flakes used to create pearlescent effect per AAMA 2605. (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. *For more information, visit www.paintandcolor.com or contact Valspar's Extrusion Coatings Group.*

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