

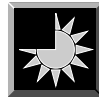


ACRODIZE™



**END USES**

For today's type of construction; the low-rise structure. Acrodize™ is appropriate for non-monumental office, commercial, industrial, institutional, storefront, residential or interior projects.



Specially formulated for today's type of construction; the low rise structure, Acrodize™ is made with 50% PVDF (fluoropolymer) (Kynar® or Hylar®) resins. Because of this, Acrodize™ offers excellent resistance to chalking and fading. This coating is formulated to be hard, which is an important feature for paints used on storefronts, fast food restaurants, schools and universities, shopping malls, and other projects which come in contact with heavy foot traffic.

Acrodize™ offers a sophisticated pearlescent look usually found in more expensive coatings. But don't let the good looks fool you! This value engineered product is formulated and priced for use on the non-monumental structures which are most typical in today's construction market.

Considering a price-benefit ratio, this product has the most to offer when compared to the performance of 70% PVDF products.

**SUBSTRATE** **PRIMER (OPTIONAL)**

Aluminum\*\*

Recommended: Fluorprime® Yellow (733X310)\*  
Others Available: White (731X313), Gray (732X311),  
Yellow (733X007)

**FIELD PERFORMANCE\*\***

**PROJECT:** Formulated for use on heavy commercial, commercial, storefront, high-end residential (non-roofing) or interior.  
**EXPOSURE:** Exposed to moderate UV, salt air, acid rain, or air pollution.  
**ANSI/AAMA 101:** For projects classified as Heavy Commercial, Light Commercial or Residential.  
**INDUSTRY SPECIFICATION:** Meets AAMA 2604 (e.g. color change no more than 5ΔE Hunter Units after five years in

South Florida, U.S.A.)  
**RESIN:** 50% PDVF (Kynar® or Hylar®) (fluoropolymer) resin based paint systems will be acceptable.  
**BUDGET:** \$\$  
**TO SPECIFY WRITE:** Factory applied, baked on, 50% PVDF (Kynar® or Hylar®) (fluoropolymer) resin based coating, ACRODIZE™ as manufactured by THE VALSPAR CORPORATION.

\*Recommended primer may vary with topcoat color.  
\*\*Chemical Pre-Treatment: Class I, Type B Method 5 per ASTM D 1730 Amorphous Chromium Phosphate Treatment or Method 7 Amorphous Chromate Treatment.  
This information is based on test reports considered reliable but is presented without guarantee or responsibility as to the applicability correctness of this information or the suitability of our products whether used singly or in combination with other products.



**ACRODIZE™**

## APPLICATION CHARACTERISTICS

Application Method:	Conventional or electrostatic spray
Viscosity: ASTM D 562 (Stormer)	65 to 75 KU
Weight/Gallon: ASTM D 1475 *	9.5 to 10.5 pounds/gallon
Solids by Volume: ASTM D 2697*	32% to 38%
Solids by Weight: ASTM D 2369*	47% to 51%
Reducing Thinner (80/20 Blend):	Xylol/Butyl Carbitol
Clean-Up Solvent:	DAA or MAK
Peak Metal Temperature:	450°F for 10 minutes
MEK Double Rubs:	100
VOC (Theoretical): ASTM D 3960*	5.0 to 5.4 pounds/gallon
Flash Point: ASTM D 3278	75°F
System Dry Film Thickness:	0.8 mil minimum, 1.2 mils total system if meeting AAMA 2604

## PHYSICAL PROPERTIES

Gloss (60°Head): ASTM D 523	5 to 35
Pencil Hardness: ASTM D 3363	H minimum
Cross Hatch Adhesion:	No loss of adhesion
Boiling Water (1 Hour)	No loss of adhesion

## ACCELERATED TEST DATA

Salt Spray 3,000 Hours: ASTM B 117	Creep from scribe no more than 1/32" (1 mm), No field blisters
Humidity 100% RH 3,000 Hours: ASTM D 2247	No field blisters or change in hardness
Dew Cycle Weatherometer 500 Total Hours: ASTM D 3361	Gloss retention no less than 50%, Chalk 8

*\*Varies with Color*

*For details on health, safety and handling information, MSD sheets are available upon request.*



**The Valspar Corporation**

701 S. Shiloh Road • Garland, TX, USA 75042-7812 • FAX: (972) 487-7245 • TEL: (800) 406-6480  
901 N. Greenwood Ave. • Kankakee, IL, USA 60901 • FAX: (815) 936-7811 • TEL: (815) 933-5561  
645 Coronation Dr. • West Hill, Ontario, Canada M1E 4R6 • FAX: (416) 284-6549 • TEL: (416) 284-1681  
67 Tuas Ave. 1 • Singapore 639509 • FAX: 65-863-2889 • TEL: 65-863-2883

VAL No.121  
June 00 / Printed in the USA  
©2000 The Valspar Corporation



ACROFLUR™



**END USES**

The additional hardness of this 50% fluoropolymer system makes it very appropriate for today's architectural market.



The appropriate product for today's type of construction, this 50% PVDF product is ideal for storefront, entrances and operable window systems. Harder than traditional 70% PVDF systems, its additional durability makes it well suited for use on schools, hospitals, prisons, post offices, shopping malls and other high traffic non-monumental structures.

Added hardness enhances protection against damage and amount of touch-ups required after fabrication, transportation,

on-site storage, building erection and daily public contact.

Acroflur™ meets AAMA 2604 and excels with its durability, ease of maintenance and long term color retention and chalk resistance. This product withstands intense sunlight, extreme temperatures and atmospheric pollutants, while retaining its vibrant appearance. It is available in solid colors only. For 50% PVDF pearlescent colors see Acrodize™.

**SUBSTRATE** **PRIMER (OPTIONAL)**

Aluminum\*\*

Recommended: Fluorprime® Yellow (733X310)\*  
Others Available: White (731X313), Gray (732X311),  
Yellow (733X007)

**FIELD PERFORMANCE\*\***

**PROJECT:** Formulated for use on heavy commercial, commercial, storefront, highend residential (non-roofing) or interior.

**EXPOSURE:** Exposed to moderate UV, salt air, acid rain, or air pollution.

**ANSI/AAMA 101:** For projects classified as Heavy Commercial, Light Commercial or Residential.

**INDUSTRY SPECIFICATION:** Meets AAMA 2604 (e.g. color change no more than 5ΔE Hunter Units after five years in

South Florida, U.S.A.)

**RESIN:** 50% PDVF (Kynar® or Hylar®) (fluoropolymer) resin based paint systems will be acceptable.

**BUDGET:** \$\$-\$\$\$

**TO SPECIFY WRITE:** Factory applied, baked on, 50% PVDF (Kynar® or Hylar®) (fluoropolymer) resin based coating, ACROFLUR™ as manufactured by THE VALSPAR CORPORATION.

\*Recommended primer may vary with topcoat color.

\*\*Chemical Pre-Treatment: Class I, Type B Method 5 per ASTM D 1730 Amorphous Chromium Phosphate Treatment or Method 7 Amorphous Chromate Treatment.

This information is based on test reports considered reliable but is presented without guarantee or responsibility as to the applicability correctness of this information or the suitability of our products whether used singly or in combination with other products.



**ACROFLUR™**

## APPLICATION CHARACTERISTICS

Application Method:	Conventional or electrostatic spray
Viscosity: ASTM D 562 (Stormer)	65 to 80 KU
Weight/Gallon: ASTM D 1475 *	10 to 11 pounds/gallon
Solids by Volume: ASTM D 2697*	32% to 36%
Solids by Weight: ASTM D 2369*	48% to 52%
Reducing Thinner (80/20 Blend):	Xylol/Butyl Carbitol
Clean-Up Solvent:	DAA or MAK
Peak Metal Temperature:	450°F for 10 minutes
MEK Double Rubs:	100
VOC (Theoretical): ASTM D 3960*	5.0 to 5.4 pounds/gallon
Flash Point: ASTM D 3278	75°F
System Dry Film Thickness:	Topcoat: 0.8 mil minimum, 1.2 mils total system if meeting AAMA 2604

## PHYSICAL PROPERTIES

Gloss (60°Head): ASTM D 523	25 to 35
Pencil Hardness: ASTM D 3363	H minimum
Cross Hatch Adhesion:	No loss of adhesion

## ACCELERATED TEST DATA

Salt Spray 3,000 Hours: ASTM B 117	Creep from scribe no more than 1/32" (1 mm), No field blisters
Humidity 100% RH 3,000 Hours: ASTM D 2247	No field blisters or change in hardness
Dew Cycle Weatherometer 500 Total Hours: ASTM D 3361	Maximum of 5ΔE (Hunter) units of color change

*\*Varies with Color*

*For details on health, safety and handling information, MSD sheets are available upon request.*



**The Valspar Corporation**

701 S. Shiloh Road • Garland, TX, USA 75042-7812 • FAX: (972) 487-7245 • TEL: (800) 406-6480  
901 N. Greenwood Ave. • Kankakee, IL, USA 60901 • FAX: (815) 936-7811 • TEL: (815) 933-5561  
645 Coronation Dr. • West Hill, Ontario, Canada M1E 4R6 • FAX: (416) 284-6549 • TEL: (416) 284-1681  
67 Tuas Ave. 1 • Singapore 639509 • FAX: 65-863-2889 • TEL: 65-863-2883

VAL No.120  
June 00 / Printed in the USA  
©2000 The Valspar Corporation



## 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.*



Fluropon meets or exceeds all AAMA 2605<sup>(1)</sup> performance requirements. These coatings are field-proven, high performance exterior quality finishes comprised of 70% Kynar 500® or Hylar 5000® fluoropolymer resin systems, ceramic pigments and other select inorganic pigments. This powerful chemical bond provides superior resistance to ultraviolet radiation resulting in exceptional color retention, resistance to chalking, and resistance to chemical degradation which makes Fluropon a preferred choice among architects and aluminum building component manufacturers.

Fluropon® coatings enhance the aesthetics of your building by providing durable color options for aluminum panels and extrusions including curtain walls, louvers and grills, soffit, fascia, mullions, column covers, skylights, windows, and door and access systems.

Fluropon is available in a wide variety of color hues including whites, blacks, greens, blues, browns and reds. (For pearlescent, metallic, or bright options, read Fluropon Classic® II, Fluropon Classic®, and Fluropon® Premiere.)

**TO SPECIFY, WRITE:** Factory spray applied, baked-on 70% Kynar 500 or Hylar 5000 PVDF fluoropolymer resin based Fluropon paint coating 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		
AAMA 2605	Industry Specification	Meets or exceeds all sections <sup>(2)</sup>
7.2	Specular Gloss at 60° ASTM D 523 <sup>(3)</sup>	Typical: Medium (25-35), Lower sheen formulations are also available
7.3	Pencil Hardness ASTM D 3363	F minimum
7.4	Film Adhesion	Pass
7.5	Impact Resistance	Pass
7.6	Abrasion Resistance	Pass
7.7	Chemical Resistance	Pass
7.8	Corrosion Resistance 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
	Salt Spray Resistance 4000 hours ASTM B 117	Scribe: Rating 7, 1/32" – 1/16" (1-2 mm) Field: Rating 8
7.9.	South Florida Exposure – 10 Years South of latitude 27°N @ 45° South ASTM D 2244 ASTM D 4214	Color : No more than 5Δ Hunter units Chalk: Rating no less than 8 Gloss retention: No less than 50% Erosion resistance: Less than 10%
	Flame Test ASTM E 84	Class A coating

APPLICATION CHARACTERISTICS		
	Application Method	Conventional or electrostatic spray
	Substrate	Aluminum only
4.3	Total Dry Film Thickness Primer: Fluorprime Yellow 733X310 <sup>(4)</sup> , White 731x313, Gray 732X311 and Yellow 733X007 Color coat	1.2 mils minimum 0.2-0.4 mils  1.0-1.3 mils
	Viscosity: ASTM D 562 (Stormer)	65 to 75 KU
	Weight/Gallon: ASTM D 1475	9.8 to 10.2 pounds per gallon (4.4 kg to 4.62 kg per liter) <sup>(5)</sup>
	Solids by Volume: ASTM D 2697	28% to 32% as supplied <sup>(5)</sup>
	Solids by Weight: ASTM D 2369	41% to 45% as supplied <sup>(5)</sup>
	Reducing Thinner: (80/20 Blend)	Xylol/butyl carbitol
	VOC (Theoretical): ASTM D 3960	5.5 to 5.9 pounds per gallon <sup>(5)</sup>
	Clean-Up Solvent:	MEK
	Recommended Bake Temperature:	450°F (232°C) for 10 minutes
	Flash Point: ASTM D 3278	70°F (21°C)

(1) American Architectural Manufacturers Association's ten-year superior performing specification with increased performance to AAMA 605.2 (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. (5) Varies by color.

For details on health, safety and handling information, Material Safety Data sheets are available at [www.paintandcolor.com](http://www.paintandcolor.com).

**For more information, visit [www.paintandcolor.com](http://www.paintandcolor.com) or contact the Extrusion Coatings Division:**

701 S. Shiloh Road • Garland TX 75042 USA • FAX 972.487.7245 • TELEPHONE 800.406.6480 or 972.487.7217  
 645 Coronation Drive • West Hill, Ontario M1E 4R6 Canada • FAX 416. 284.6549 • TELEPHONE 416. 284.1681  
 838 Jia Xin Road • Jiading District, Shanghai 201818 China • FAX: 86.21.5990.1940 • TELEPHONE 86.21.5990.1345.106  
 British Bank Building • Flat 901 King Faisal Road • Sharjah, UAE 06.592133. • FAX 011.971.6.553.2894 • TELEPHONE: 011.71.55.92133

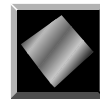
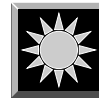


FLUROPON CLASSIC®



**END USES**

For use as a three or four coat system on monumental structures when a high performance metallic finish is desired.



Fluropon Classic® is a high performance 70% Kynar 500® or Hylar 5000® system which consists of a basecoat, metalescent color coat and a Super Fluroclear™ topcoat.

This product meets the rigorous performance criteria of AAMA 2605 and is appropriate on monumental, commercial, institutional,

or storefront applications when a long-life coating is required. Fluropon Classic® resists color fading, chalking, and attack by acid rain, cleaning solvents and general air pollution. It comes in a beautiful array of standard and custom metalescent colors.

**SUBSTRATE** **PRIMER (OPTIONAL)**

Aluminum\*\*

Recommended: Fluroprime® Yellow (733X310)\*  
Others Available: White (731X313), Gray (732X311),  
Yellow (733X007)

**FIELD PERFORMANCE\*\***

**PROJECT:** Formulated for use on curtain wall projects.  
**EXPOSURE:** High UV levels; or is exposed to humidity, salt air, acid rain or air pollution.  
**ANSI/AAMA 101:** For projects classified as Architectural or Heavy Commercial.  
**INDUSTRY SPECIFICATION:** Meets performance requirements of AAMA 2605 and ASCA 96 (e.g. color change no more than 5ΔE Hunter Units after ten years in South Florida, U.S.A.)

**RESIN:** 70% PVDF (Kynar 500® or Hylar 5000®) fluoropolymer resin based paint system is only coating acceptable.  
**BUDGET:** \$\$\$\$  
**TO SPECIFY WRITE:** Factory applied, baked on, 70% PVDF (Kynar 500® or Hylar 5000®) (fluoropolymer) resin based coating, FLUROPON CLASSIC® as manufactured by THE VALSPAR CORPORATION.

\*Recommended primer may vary with topcoat color.  
\*\*Chemical Pre-Treatment: Class I, Type B Method 5 per ASTM D 1730 Amorphous Chromium Phosphate Treatment or Method 7 Amorphous Chromate Treatment.  
This information is based on test reports considered reliable but is presented without guarantee or responsibility as to the applicability correctness of this information or the suitability of our products whether used singly or in combination with other products.



# FLUOROPON CLASSIC®

## APPLICATION CHARACTERISTICS

	Primer and/or Base Coat	Metallic Coat	Super Fluoroclear™
Application Method:	Spray	Spray	Spray
Viscosity:	65 to 75 KU	65 to 75 KU	65 to 75 KU
Weight/Gallon:*	10.0 to 10.4 pounds/gallon	9.1 to 9.5 pounds/gallon	9.4 to 9.8 pounds/gallon
Solids by Volume:*	28% to 32%	25% to 29%	30% to 34%
Solids by Weight:*	44% to 48%	36% to 40%	41% to 45%
Reducing Thinner (80/20 Blend):	Xylol/Butyl Carbitol	Xylol/Butyl Carbitol	Xylol/Butyl Carbitol
Clean-Up Solvent:	DAA or MAK	DAA or MAK	DAA or MAK
Peak Metal Temp:	450°F	450°F	450°F
MEK Rubs:	100	100	100
VOC (Theoretical):*	4.3 to 5.7 pounds/gallon	4.3 to 5.7 pounds/gallon	5.4 to 5.8 pounds/gallon
Flash Point:	65°F	65°F	75°F
Dry Film:	1.0 to 1.3 mils	1.0 to 1.3 mils	0.3 to 0.5 mil

## PHYSICAL PROPERTIES (RUN ON CLEARCOAT ONLY)

Gloss (60° Head): ASTM D 523	30 to 50
Pencil Hardness: ASTM D 3363	F minimum
Cross Hatch Adhesion:	No loss of adhesion
Boiling Water (1 Hour):	No loss of adhesion

## ACCELERATED TEST DATA

Salt Spray 4,000 Hours: ASTM B 117	Creep from scribe no more than 1/32" (1 mm), No field blisters
Humidity 100% RH 4,000 Hours: ASTM D 2247	No field blisters or change in hardness
Dew Cycle Weatherometer 500 Total Hours:	Gloss retention no less than 50%, chalk no less than 8

\*Varies with color.  
For details on health, safety and handling information, MSD sheets are available upon request.



### The Valspar Corporation

701 S. Shiloh Road • Garland, TX, USA 75042-7812 • FAX: (972) 487-7245 • TEL: (800) 406-6480  
 901 N. Greenwood Ave. • Kankakee, IL, USA 60901 • FAX: (815) 936-7811 • TEL: (815) 933-5561  
 645 Coronation Dr. • West Hill, Ontario, Canada M1E 4R6 • FAX: (416) 284-6549 • TEL: (416) 284-1681  
 67 Tuas Ave. 1 • Singapore 639509 • FAX: 65-863-2889 • TEL: 65-863-2883





### 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 <sup>(1)</sup> 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 <sup>(1)</sup> Chalk: Rating no less than 8  Color: No more than 5Δ Hunter units <sup>(1)</sup> 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 <sup>(2)</sup>
Solids by Volume: ASTM D 2697	34% to 39% as supplied <sup>(2)</sup>
Solids by Weight: ASTM D 2369	49% to 54% as supplied
Reducing Thinner:	Xylo/Butyl Carbitol
VOC (Theoretical): ASTM D 3960	4.6 – 5.0 lbs/gallon <sup>(2)</sup>
Clean-Up Solvent:	MEK
Recommended Bake Temperature:	450°F (232° C) for 15 minutes
Flash Point: ASTM D 3278	75°F (24°C)

(1) Fluorospar 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.*

**For more information, contact Valspar's Extrusion Coatings Division:**

701 South Shiloh Road  
Garland, TX 75042  
USA  
Telephone: 972-487-7217  
Toll Free Telephone: 800-406-6480  
FAX: (972) 487-7245

645 Coronation Drive  
West Hill, Ontario M1E  
4R6  
Canada  
Telephone: 416-284-1681  
FAX: (416) 284-6549

Val 142  
020602

© The Valspar Corporation  
All Rights Reserved



## 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 Classic II spray applied coatings are the most environmentally responsible coatings available to the aluminum building products industry today. They are the newest members of the Fluoropon® 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 Classic II 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 Classic II finishes are available in pearlescent effect hues including silver, champagne, and bronze. Additional non-pearlescent hues are available in Valspar's Flurospar SR coatings line. See Flurospar SR product information sheet for more details.

All Flurospar SR Classic II 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 Classic II 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 detail.

See the difference. Make the difference. Specify Flurospar SR Classic II 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 Classic II 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 : N/A <sup>(1)</sup> Chalk: Rating no less than 8
Accelerated Weathering Dew cycle weatherometer 1000 total hours ASTM D 3361	Color: N/A <sup>(1)</sup> Chalk: Rating no less than 8
QUV cabinet: 5000 hours ASTM G 53	Color: N/A <sup>(1)</sup> 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 <sup>(2)</sup>
Solids by Volume: ASTM D 2697	34% to 39% as supplied <sup>(2)</sup>
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 <sup>(2)</sup>
Clean-Up Solvent:	MEK
Recommended Bake Temperature:	450°F (232° C) for 15 minutes
Flash Point: ASTM D 3278	75°F (24°C)

(1) Fluor spar SR Classic II color is not measurable due to reflectance properties of mica flakes used to create pearlescent effects 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](http://www.paintandcolor.com) or visit Valspar's Extrusion Coatings Group.

701 South Shiloh Road  
 Garland, TX 75042  
 USA  
 Telephone: 972-487-7217  
 Toll Free Telephone: 800-406-6480  
 FAX: (972) 487-7245

645 Coronation Drive  
 West Hill, Ontario M1E 4R6  
 Canada  
 Telephone: 416-284-1681  
 FAX: (416) 284-6549