



## 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:**

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