



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⁽¹⁾ 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 ⁽²⁾ |
| 7.2 | Specular Gloss at 60° ASTM D 523 ⁽³⁾ | 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 ⁽⁴⁾ , 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) ⁽⁵⁾ |
| | Solids by Volume: ASTM D 2697 | 28% to 32% as supplied ⁽⁵⁾ |
| | Solids by Weight: ASTM D 2369 | 41% to 45% as supplied ⁽⁵⁾ |
| | Reducing Thinner: (80/20 Blend) | Xylol/butyl carbitol |
| | VOC (Theoretical): ASTM D 3960 | 5.5 to 5.9 pounds per gallon ⁽⁵⁾ |
| | 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.

For more information, visit 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