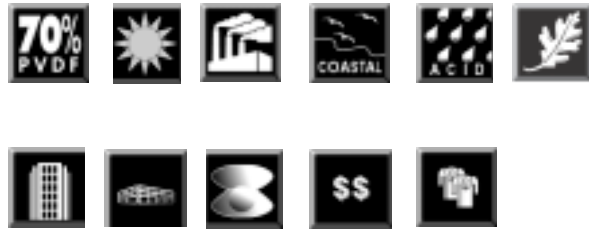




## END USES

A high performance coating for use on monumental high-rise building panels, column covers and roofing.



Fluropon Classic® II coatings are members of Valspar's Fluropon® coil coatings product line and should be used when a pearlescent appearance is desired. Fluropon Classic II coatings are premium 70% Kynar 500® or Hylar 5000® fluoropolymer resin based systems.

They are field-proven, high performance exterior quality finishes. They provide outstanding resistance to ultraviolet radiation resulting in exceptional color retention, resistance to chalking and chemical degradation which makes Fluropon Classic II the preferred choice among architects and metal building manufacturers. This two-coat system is a cost effective alternative to metallic systems requiring clear coats.

Fluropon Classic II coatings should be applied to long-life exterior products such as pre-engineered building panels, residential and architectural roofing, louvers, fascia, spandrel paneling, and column covers. The excellent adhesion and flexibility properties of Fluropon Classic II provide superior post forming performance to enhance the coated products appearance for years to come.

Fluropon Classic II coatings can be applied to properly pretreated HDG steel, aluminum and Galvalume. Fluropon Classic II is available in a wide variety of standard and custom pearlescent color hues.

**TO SPECIFY, WRITE:** Factory applied, baked-on 70% Kynar 500 or Hylar 5000 PVDF fluoropolymer resin based Fluropon Classic II 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.



| <b>APPLICATION CHARACTERISTICS<sup>(1)</sup></b>                     |  |
|--|--|
| Application Method   | Reverse roll coat  |
| Substrate  | HDG Steel, Aluminum, Galvalume                             |
| Total Dry Film Thickness ASTM D 4138<br>Primer PMY0302<br>Color coat | 1.0 mils nominal<br>0.25 mils nominal<br>0.75 mils nominal |
| Viscosity ASTM D 4212 (Number 4 Zahn Cup)                            | 20 to 35 seconds   |
| Weight per Gallon ASTM D 1475  | 9.3 to 9.7 pounds per gallon <sup>(3)</sup>                |
| Solids by Volume ASTM D 2697   | 36 to 42% <sup>(3)</sup>                                   |
| Solids by Weight ASTM D 2369   | 52 to 56% <sup>(3)</sup>                                   |
| Reducing Thinner   | Butyl Carbitol Acetate                                     |
| VOC (Theoretical) ASTM D 3960  | 5.4 pounds per gallon <sup>(3)</sup>                       |
| Clean-Up Solvent:  | MEK/DAA/MAK  |
| Contains Lubricant   | Yes  |
| MEK Double Rubs ASTM D 5402  | 100 Plus   |

| <b>PHYSICAL AND PERFORMANCE PROPERTIES<sup>(1)</sup></b> |   |
|--|---|
| Specular Gloss at 60° ASTM D 523 <sup>(2)</sup>          | 15-30   |
| Pencil Hardness ASTM D 3363                              | HB to 2H  |
| T-Bend   | 0T to 2T, No loss of adhesion   |
| Cross Hatch Adhesion:                                    | No loss of adhesion   |
| Reverse Impact   | Steel: 2x metal thickness inch-pounds,<br>No loss of adhesion<br>Aluminum: 1.5x metal thickness inch-pounds,<br>No loss of adhesion |
| Humidity Resistance<br>100% RH 1,000 Hours ASTM D 2247   | HDG or Galvalume: no field blisters   |
| 100% RH 3,000 Hours ASTM D 2247                          | Aluminum: no field blisters   |
| Salt Spray Resistance<br>1,000 hours ASTM B 117          | HDG or Galvalume: creep from scribe ≤ 1/16" (2mm), no blisters  |
| 3,000 hours ASTM B 117                                   | Aluminum: creep from scribe ≤ 1/32" (1mm), no blisters  |
| Dew Cycle Weatherometer 1,000 Hours                      | Chalk: Rating no less than 8  |
| Field Performance<br>ASTM D 4214                         | Chalk: Rating no less than 8 at 20 years<br>Film integrity: 25 years  |
| Flame Test ASTM E 84                                     | Class A coating   |

(1) All substrates must be properly pretreated. (2) American Society for Testing and Materials. (3) 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 Valspar Coil Coatings Division:**

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