



**END USES**

For exterior use on monumental high-rise structures and pre-engineered buildings including roofing systems, wall panels, column covers and brake metal.



Fluropon Classic® coatings are a premium fluoropolymer coating containing 70% Kynar 500® or Hylar 5000® proprietary resins that has a special metallic effect. Fluropon Classic coatings 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 the preferred choice among architects and metal building manufacturers.

All exterior components of aluminum, G-90 galvanized steel, Galvalume that will

lend themselves to a factory-applied oven baked finish can be coated with Fluropon Classic.

Fluropon Classic 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 provide superior post forming performance to enhance the coated products appearance for years to come.

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



APPLICATION CHARACTERISTICS <sup>(1)</sup>	
Application Method	Reverse roll coat
Substrate	HDG Steel, Aluminum, Galvalume®
Total Dry Film Thickness: ASTM D 4138	1.65 mils nominal
Primer PMY0302	0.25 mils nominal
Color coat	0.90 mils nominal
Clear coat	0.50 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

PHYSICAL AND PERFORMANCE PROPERTIES <sup>(1)</sup>	
Specular Gloss at 60° ASTM D 523 <sup>(2)</sup>	30 to 40
Pencil Hardness ASTM D 3363	HB to H
T-Bend	0T to 2T, No loss of adhesion
Cross Hatch Adhesion:	No loss of adhesion
Reverse Impact	HDG or Galvalume: 3x metal thickness inch-pounds, No loss of adhesion Aluminum: 1.5x metal thickness inch-pounds, No loss of adhesion
Humidity Resistance 100% RH 2,000 Hours: ASTM D 2247	No field blisters
Salt Spray Resistance 1,000 hours ASTM B 117	Creep from scribe no more than 1/32" (1mm), no blisters
Dew Cycle Weatherometer 1,000 Hours	Chalk: Rating no less than 8
Field Performance ASTM D 4214	Chalk: Rating no less than 8 at 20 years Film integrity: 25 years
Abrasion Resistance ASTM D 968, Method A	80 ± 10 liters
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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