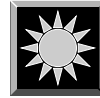




### END USES

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

Aluminum\*\*

### PRIMER (OPTIONAL)

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.



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