



ACROFLUR™



END USES

The additional hardness of this 50% fluoropolymer system makes it very appropriate for today's architectural market.



The appropriate product for today's type of construction, this 50% PVDF product is ideal for storefront, entrances and operable window systems. Harder than traditional 70% PVDF systems, its additional durability makes it well suited for use on schools, hospitals, prisons, post offices, shopping malls and other high traffic non-monumental structures.

Added hardness enhances protection against damage and amount of touch-ups required after fabrication, transportation,

on-site storage, building erection and daily public contact.

Acroflur™ meets AAMA 2604 and excels with its durability, ease of maintenance and long term color retention and chalk resistance. This product withstands intense sunlight, extreme temperatures and atmospheric pollutants, while retaining its vibrant appearance. It is available in solid colors only. For 50% PVDF pearlescent colors see Acrodize™.

SUBSTRATE **PRIMER (OPTIONAL)**

Aluminum**

Recommended: Fluorprime® Yellow (733X310)*
Others Available: White (731X313), Gray (732X311),
Yellow (733X007)

FIELD PERFORMANCE**

PROJECT: Formulated for use on heavy commercial, commercial, storefront, highend residential (non-roofing) or interior.

EXPOSURE: Exposed to moderate UV, salt air, acid rain, or air pollution.

ANSI/AAMA 101: For projects classified as Heavy Commercial, Light Commercial or Residential.

INDUSTRY SPECIFICATION: Meets AAMA 2604 (e.g. color change no more than 5ΔE Hunter Units after five years in

South Florida, U.S.A.)

RESIN: 50% PDVF (Kynar® or Hylar®) (fluoropolymer) resin based paint systems will be acceptable.

BUDGET: \$\$-\$\$\$

TO SPECIFY WRITE: Factory applied, baked on, 50% PVDF (Kynar® or Hylar®) (fluoropolymer) resin based coating, ACROFLUR™ 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.



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APPLICATION CHARACTERISTICS

Application Method:	Conventional or electrostatic spray
Viscosity: ASTM D 562 (Stormer)	65 to 80 KU
Weight/Gallon: ASTM D 1475 *	10 to 11 pounds/gallon
Solids by Volume: ASTM D 2697*	32% to 36%
Solids by Weight: ASTM D 2369*	48% to 52%
Reducing Thinner (80/20 Blend):	Xylol/Butyl Carbitol
Clean-Up Solvent:	DAA or MAK
Peak Metal Temperature:	450°F for 10 minutes
MEK Double Rubs:	100
VOC (Theoretical): ASTM D 3960*	5.0 to 5.4 pounds/gallon
Flash Point: ASTM D 3278	75°F
System Dry Film Thickness:	Topcoat: 0.8 mil minimum, 1.2 mils total system if meeting AAMA 2604

PHYSICAL PROPERTIES

Gloss (60°Head): ASTM D 523	25 to 35
Pencil Hardness: ASTM D 3363	H minimum
Cross Hatch Adhesion:	No loss of adhesion

ACCELERATED TEST DATA

Salt Spray 3,000 Hours: ASTM B 117	Creep from scribe no more than 1/32" (1 mm), No field blisters
Humidity 100% RH 3,000 Hours: ASTM D 2247	No field blisters or change in hardness
Dew Cycle Weatherometer 500 Total Hours: ASTM D 3361	Maximum of 5ΔE (Hunter) units of color change

**Varies with Color*

For details on health, safety and handling information, MSD sheets are available upon request.



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