



FLUROCRYL™



END USES

Super Hard AAMA 2603 coating for use on the interior of commercial or residential buildings. Also good for exterior application in low UV environments.



Flurocyl™ by Valspar is a factory applied, baked enamel system which meets the voluntary performance specification AAMA 2603. Through a unique combination of acrylic and fluoropolymer resins, Flurocyl provides excellent hardness, flexibility and mar resistance in a solventborne baked enamel system, equaling or exceeding the hardness of other acrylic,

polyester, or urethane coatings including powder coating alternatives.

Flurocyl is available in a wide range of colors and glosses and is an ideal coating for interior high traffic applications in commercial and residential construction. It is also an appropriate exterior choice in low UV environments.

SUBSTRATE

Aluminum

FIELD PERFORMANCE

PROJECT: Formulated for use on light commercial, storefront, residential or interiors. Not for heavy commercial.

EXPOSURE: Moderate or low UV. No salt air, acid rain or air pollution.

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

INDUSTRY SPECIFICATION: Meets AAMA 2603.

RESIN: Fluoropolymer and acrylic resin; baked paint system.

BUDGET: \$

TO SPECIFY WRITE: Factory applied, baked-on polyester or acrylic resin based paint coating, FLUROCRYL™ as manufactured by THE VALSPAR CORPORATION.

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 4212 (No. 4 Zahn Cup)	37 to 42 seconds
Weight/Gallon: ASTM D 1475*	8.0 to 11.0 pounds/gallon
Solids by Volume: ASTM D 2697*	30% to 35%
Solids by Weight: ASTM D 2369*	46% to 50%
Reducing Thinner:**	Xylene/Butyl Carbitol
Cleanup Solvent:**	MEK
Peak Metal Temperature:	450°F for 10 minutes
Xylene Double Rubs:	50
VOC (Theoretical): ASTM D 3960*	5.0 to 5.5 pounds/gallon
Flash Point: ASTM D 3278*	75°F
System Dry Film Thickness:	0.8 - 1.2 mils total

PHYSICAL PROPERTIES

Gloss (60°): ASTM D 523	25 to 65
Pencil Hardness: ASTM D 3363	2H to 5H
Crosshatch Adhesion:	No loss of adhesion

ACCELERATED TEST DATA

Salt Spray 1,500 Hours: ASTM B 117	Creep from scribe no more than 1/32" (1 mm), no field blisters
Humidity 100% RH 1,500 Hours: ASTM D 2247	No creep from scribe or field blisters

**Varies with color*

***See Appendix A of The Valspar Corporation Architectural Binder (VAL-49) for more information.*

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



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