

Fluorpon® Architectural Finishes

High Performing Paints
That Let You Design In
Vibrant Living Color

Black

Boysenberry

Hartford Green

Sandstone

Classic Bronze

Military Blue

Bone White

Colonial White

Antique Bronze

Dove Gray

Dark Ivy

Charcoal

Redwood

Sea Wolf

Medium Bronze

Superior Performance Coatings

That Meet AAMA 2605 Requirements

There's a painted finish as expressive and enduring as the buildings you design. Fluropon® Architectural Coatings combine beauty and successful performance as only a 70% fluoropolymer based coating can.

Fluropon® colors add life to your architectural expressions. Fifteen standard colors and a limitless pallet of custom colors can satisfy your creative needs. The standard colors are always in stock at Kawneer Paint Facilities for fast turn around while the Fluropon® custom colors can be formulated conveniently at Valspar's facilities.

This is a paint that endures along with your architectural statement. Fluropon® is formulated to maintain integrity for years. Outstanding durability translates to substantial maintenance savings for the building owner, over the life of the building.

Thousands of buildings the world over testify to the lasting beauty and performance of Kawneer standard Fluropon® Architectural Coatings.

Kawneer #22 Stock Fluropon® Architectural Coatings

The 15 standard Fluropon® colors shown on this chart are Kawneer #22 stock coatings. They are stocked at Kawneer Paint Facilities for fast turn around of painted projects.

The following specifications are required for the proper application and end-use results of Fluropon®. Performance properties represent minimum results when Fluropon® is applied according to specifications.

Guide Specifications

Fluropon® coating will meet or exceed test requirements of AAMA 2605, Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels.

The following are guidelines for specifying and applying Fluropon®:

Pretreatment – The aluminum shall be thoroughly cleaned using a multi-stage cleaning process to remove organic and inorganic surface soils and residual oxides. Apply a chemical conversion coating to which organic coatings will firmly adhere.

Primer – The cleaned and treated substrate shall be primed with Fluroprime® to a thickness of 0.2 – 0.4 mils. using Valspar approved factory application methods.

Paint – The Fluropon® paint system shall contain 70% PVDF (Hylar 5000® or Kynar 500®) resin and durable ceramic pigments. It shall be factory applied and oven baked for a topcoat film thickness of 1.0 – 1.3 mils. Clear topcoats, if required, shall be applied at 0.3 – 0.5 mils.

Performance Table

Criteria	Fluropon® Performance
AAMA 2605	Meets or Exceeds
Substrate	Aluminum only
Pretreatment	Multi-Stage Cleaning and Conversion Coating
Dry Film Thickness (ASTM D 1400)	Primer: 0.2 - 0.4 mil Topcoat: 1.0 - 1.3 mil Clear Coat: 0.3 - 0.5 mil (when required)
Specular Gloss (ASTM D 523)	30 ±5 at 60° meter setting
Dry Film Hardness (ASTM D 3363)	F minimum
Impact Resistance (ASTM D 523)	1/10" Deformation No Loss of Adhesion
Abrasion Resistance (ASTM D 968)	Coefficient of 40 minimum
Flame Test (ASTM E 84)	Class A Coating
Salt Spray (ASTM B 117)	Hours: 4,000 Scribe: Rating 7, 1/32" Field: Rating 10; No Blisters
Accelerated Weathering (QUV) (ASTM G 154)	Hours: 2,000 Total Color Change: 5ΔE (Hunter) Units Max. Chalk Resistance: Rating 8 Max.
Humidity Resistance (ASTM D 2247)	Hours: 4,000 Few #8 Blisters Max.
10 Years South Florida	Color Change: 5ΔE (Hunter) Units Max. Chalk Resistance: Rating 8 Max. (6 for White)
10% Muriatic Acid Spot Test	15 min. No Blistering or Visual Change
Mortar (Alkali) Resistance	24 Hour Spot Test, No Visual Change
72 Hour Detergent Immersion (@ 100° F)	No Loss of Adhesion

Fluropon® is a registered trademark of The Valspar Corporation. Hylar 5000® is a registered trademark of Solvay Solexis, Inc., Kynar 500® is a registered trademark of Arkema Inc.

* Note: These color samples are as close as possible to actual colors offered within the limitations of printing techniques. Final color specification shall be as per approved color samples. Fluropon® finishes are formulated by The Valspar Corporation for Kawneer Company, Inc.



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