

# Permafluor™ 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. Permafluor™ Architectural Coatings combine beauty and successful performance as only a 70% fluoropolymer based coating can.

Permafluor™ 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 Permafluor™ custom colors can be formulated to meet your needs.

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

Thousands of buildings throughout the world are a testament to the lasting beauty and performance of Kawneer standard Permafluor™ Architectural Coatings.

### Kawneer #22 Stock Permafluor™ Architectural Coatings

The 15 standard Permafluor™ 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 Permafluor™. Performance properties represent minimum results when Permafluor™ is applied according to specifications.

### Guide Specifications

Permafluor™ 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 Permafluor™:

**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 to a thickness of 0.2 – 0.3 mils using approved factory application methods.

**Paint** – The Permafluor™ 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 mil minimum. Clear topcoat, if required, shall be applied at 0.4 – 0.8 mils.

### Performance Table

Criteria	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 - 0.3 mil Topcoat: 1.0 mil minimum Clear Coat: 0.4 - 0.8 mil (when required)
Specular Gloss (ASTM D 523)	Low and Medium
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, 1/16" Max. undercutting 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.
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

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. Permafluor™ finishes are formulated for Kawneer Company, Inc.



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