

# HIGH-PERFORMING PAINTS THAT LET YOU DESIGN IN VIBRANT LIVING COLOR

PERMAFLUOR™ ARCHITECTURAL FINISHES



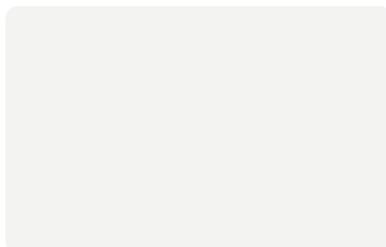
ANTIQUE BRONZE - UC100027



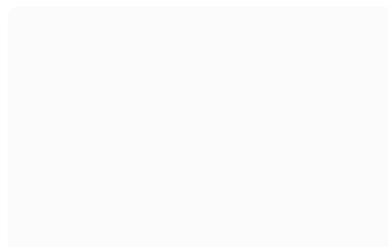
BLACK - UC109846



BLACK MAGIC - UC135973



BONE WHITE - UC109880



BRIGHT WHITE - UC55026



CHARCOAL - UC109852



CLASSIC BRONZE - UC109850



DOVE GRAY - UC109848



MEDIUM BRONZE - UC109862



SANDSTONE - UC109856



SERENGETI GRASS - UC139981



ZINC GRAY - UC127266



HARTFORD GREEN - UC109881

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. Thirteen 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 turnaround 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 13 standard Permafluor™ colors shown on this chart are Kawneer #22 stock coatings. They are stocked at Kawneer paint facilities for fast turnaround 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.

#### **SPECIFICATIONS THAT MEET AAMA 2605 REQUIREMENTS**

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™ coatings:

**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 D7091)	1.2 mils
Specular Gloss (ASTM D523)	Low and medium
Dry Film Hardness (ASTM D3363)	F min.
Impact Resistance	1/10" deformation No loss of adhesion
Abrasion Resistance (ASTM D968)	Coefficient of 40 minimum
Salt Spray (ASTM G85 Annex A5)	Hours: 2,000 Scribe or cut edges: Rating 7 Field: Rating 8
Humidity Resistance(ASTM D2247 or ASTM D4585)	Hours: 4,000 Few No. 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
Boiling Water Adhesion	No removal of film after 20 min. exposure

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 will be as per approved color samples. Permafluor™ finishes are formulated for Kawneer Company, Inc.

Permafluor™ : Form Number 14-2195.C