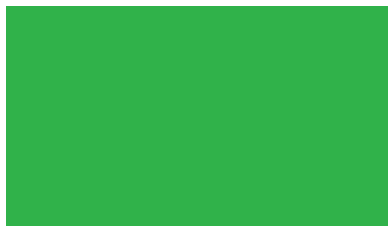


PERMAFLUOR™ ARCHITECTURAL FINISHES

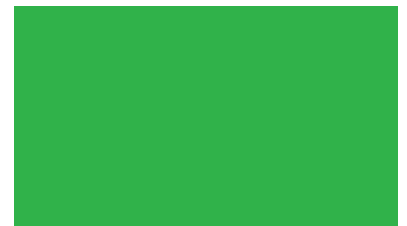
High-Performing Paints That Let You Design In Vibrant Living Color



BLACK



BOYSENBERRY



HARTFORD GREEN



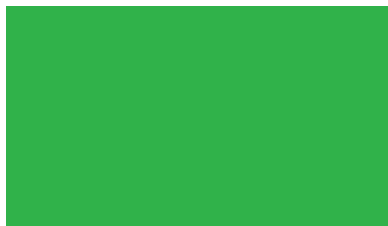
SANDSTONE



CLASSIC BRONZE



MILITARY BLUE



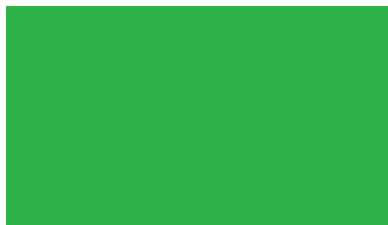
BONE WHITE



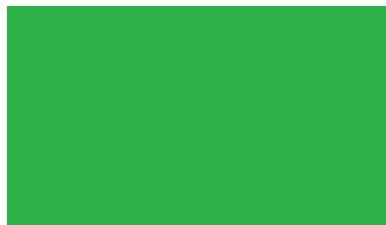
COLONIAL WHITE



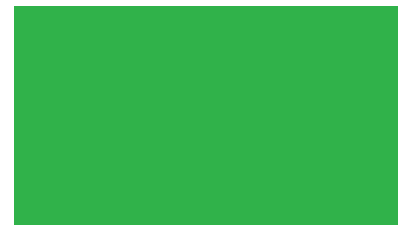
ANTIQUE BRONZE



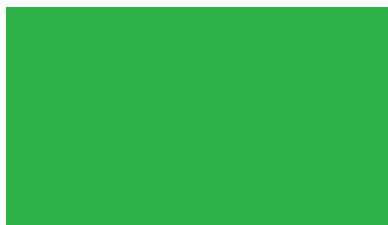
DOVE GRAY



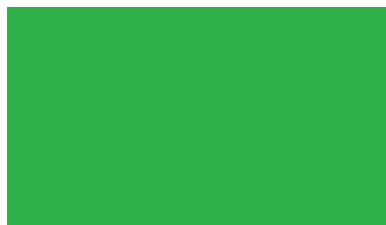
DARK IVY



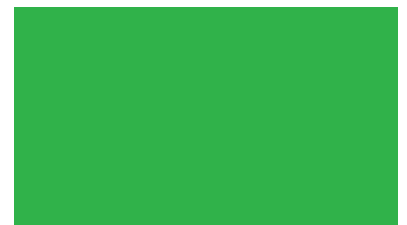
CHARCOAL



REDWOOD



SEA WOLF



MEDIUM BRONZE

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 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 15 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.