

PERMACOAT™ POWDER COATINGS

# Solvent-Free Finishes That Add High Performance, Durability to Your World



\*Denotes non-standard color



BLACK



BOYSENBERRY\*



MILITARY BLUE\*



CHARCOAL



DARK GREEN



LIGHT GREEN\*



BRICK RED



MEDIUM BLUE



MILK WHITE



ATLANTIC GRAY



IVORY



SANDSTONE



ANTIQUÉ BRONZE



BONE WHITE



CLARET RED



MIDNIGHT BLUE



NIGHT HAWK GRAY\*



SMOKE GRAY



LIGHT GRAY



SEPIA BROWN\*



JAVA BROWN



HARTFORD GREEN



DOVE GRAY



CLASSIC BRONZE



DEEP BLUE



INTERSTATE GREEN



REDWOOD



DARK IVY\*



MEDIUM BRONZE



SEA WOLF



SUMMER YELLOW\*

As communities throughout the world recognize the need to preserve natural resources, governments have imposed stricter safety controls and increased pressure to reduce emissions such as paint solvents into the atmosphere. Building owners and architects have responded to these environmental concerns while also requiring higher performance, superior durability and more color choices for their projects.

#### PERFORMANCE THAT MEETS AAMA 2604 REQUIREMENTS

Kawneer now offers a solution – Permacoat™ Powder Coatings – for new or remodel projects requiring a solvent-free finish that:

- Meets the exacting requirements of AAMA 2604
- Demonstrates outstanding gloss and color retention
- Complies with most environmental regulations
- Provides optimal corrosion resistance
- Exhibits durability, excellent mechanical properties and abrasion resistance
- Competes with solvent-based paints in all respects
- Offers standard and custom finish colors
- Offers higher gloss levels – contact your Kawneer sales representative for information
- Offers additional custom shades subject to technical approval

#### PERFORMANCE TABLE

Mechanical Performance	AAMA 2604 Reference	Permacoat™ Performance
Dry Film Hardness	Section 7.3	Pass H
Dry Film Adhesion	Section 7.4.1.1	Pass No film disbondment
Impact Resistance	Section 7.5	Pass No film disbondment
Abrasion Resistance	Section 7.6	Pass >20 liters per mil
Chemical Resistance	AAMA 2604 Reference	Permacoat™ Performance
Muriatic Acid Resistance	Section 7.7.1	Pass No visual change or blistering
Mortar Resistance	Section 7.7.2	Pass No visual change or loss of adhesion
Nitric Acid Resistance	Section 7.7.3	Pass Color change ≤5ΔE (Hunter)
Detergent Resistance	Section 7.7.4	Pass No film removal or blistering
Corrosion Tests	AAMA 2604 Reference	Permacoat™ Performance
Wet Adhesion	Section 7.4.1.2	Pass No film removal or blistering
Boiling Water Adhesion	Section 7.4.1.3	Pass No film removal or blistering
Humidity Resistance	Section 7.8.1	Pass No blisters > “few No. 8” (ASTM D714)
Salt Spray Resistance	Section 7.8.2	Pass <1.6 mm creep from scribe
Weathering 5 Years Florida	AAMA 2604 Reference	Permacoat™ Performance
Color Retention	Section 7.9.1.2	Pass Color change ≤5ΔE (Hunter)
Chalking Resistance	Section 7.9.1.3	Pass No more than No. 8 rating (ASTM D4214)
Gloss Retention	Section 7.9.1.4	Pass ≥ 30% gloss retention
Erosion Resistance	Section 7.9.1.5	Pass < 10% Film loss

**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.