



Waterborne Acrylic Urethane Enamel Topcoat



Robust, exterior waterborne performance

Delivering robust protection over wood, fiberglass, plastics, vinyl and composites, AQUACRON® 200 Series enamels create long-lasting substrate protection over difficult-to-adhere-to substrates. *Aquacron* 200 enamels produce resilient exterior performance and long-term color stability from waterborne acrylic urethane technology. For heat-sensitive substrates like exterior vinyl and PVC, *Aquacron* 200 enamels can be formulated with heat-reflective pigments.

Typical Uses

- Patio doors
- Entry doors
- Molding and trim
- Windows
- Plastic composites
- Fiberglass composites
- Primed wood components
- Vinyl components

The PPG Benefit

- Excellent adhesion to a wide variety of substrates
- Excellent exterior durability
- Strong chemical resistance
- Available in a wide range of custom colors
- Waterborne, VOC < 2.0 lbs./gal.

AAMA Specifications

2603	Prefinished Aluminum
613	Prefinished Vinyl
623	Prefinished Fiberglass

WDMA Specifications

TM - 11	Primed Wood
TM - 12	Prefinished Wood
TM - 14	Prefinished Wood





Product Characteristics

Color	Custom colors
Gloss @ 60° (ASTM D523)	10 - 50
VOC	< 2.0 lbs./gal.
Dry Time	
To Touch	30 minutes
To Handle	60 minutes
To Topcoat / Recoat	30 minutes

Performance Properties

Pencil Hardness (ASTM D3363 Scratch)	2B - B
Pencil Hardness (ASTM D3363 Cut)	2B - H
Dry Adhesion (ASTM D3359A)	5A
Wet Adhesion (24 Hour Immersion)	5A

Chemical Properties

Muriatic Acid (15 Minutes 10% HCl Spot)	< 5ΔE, < 10% Gloss change
Mortar (24 Hour Exposure, 1% Solution)	< 5ΔE, 90% Gloss retention
Detergent (2 Hour Immersion, 1% Solution)	< 5ΔE, 90% Gloss retention

Exterior Performance

Xenon Arc Weather-O-Meter, Gloss and Color Retention (ASTM G155 - 05A)	
1,000 Hours	100% Gloss Retention, < 1.0 ΔE
2,000 Hours	≥ 83% Gloss Retention, < 1.2 ΔE
3,000 Hours	≥ 75% Gloss Retention, < 1.6 ΔE
Exterior Exposure, Gloss and Color Retention (South Florida, 12 months)	≥ 73% Gloss Retention, < 1.6 ΔE



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