



Product Description

A premium quality 100% acrylic exterior satin enamel that provides a durable, weather resistant finish for exterior wood, fiber cement board, stucco, concrete, masonry, and other properly prepared surfaces. Excellent for commercial and residential application.

Performance Features

- Excellent Durability
- Excellent Adhesion
- Fade & Chalk Resistance
- Low Odor & VOC
- Mildew Resistant
- Cold Weather Application down to 40° F
- Meets Requirements for Manufactured Siding

Compliance & Certification

- ✓ Meets Green Seal GS-11 VOC Limits
- ✓ Meets LEED EQ Credit 4.2 VOC Limits
- ✓ Green Wise Certified
- ✓ Meets CARB VOC Limits
- ✓ Meets National AIM VOC Limits

Product Specifications

Resin Type:	100% Acrylic
Color Range:	White, and custom tinted colors
Finish:	Satin 20 -25 @ 60° (MPI Gloss Level 4)
Drying Time: (75° F. & 50% R.H.)	To touch: 2 hour To recoat: 4 hours.
Practical Coverage:	Approx. 250-350 sq. ft./gallon
Recommended Dry Film Thickness:	Wet: 4.0 - 5.0 mils/coat Dry: 1.5 - 2.0 mils/coat
Weight per Gallon:	10.59 lbs. ± 0.25 lbs.
Solids by Weight:	53% ± 2%
Solids by volume:	41% ± 2%
Sizes:	Five gallon, one gallon & quarts
V.O.C.	<50 Grams per liter
Clean-up:	Water

Surface Preparation

General:

All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalky or loose paint, rust, loose mill scale, bond breakers and curing compounds, efflorescence, asphalt stains, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, glazed or dense surfaces*. Fill holes and surface irregularities with a suitable patching compound to match the surface profile.

*See warning for existing leaded paint under Precautions.

Previously Painted Surfaces:

Spot prime bare or patched areas or prime entire surface, as required. Lightly-chalked painted surfaces should be primed with Kelly-Moore 239 Kel-Bond II or other chalk binding primer. Loose paint and medium to heavy chalk must be removed.

New Pre-Primed Manufactured Siding:

Must be clean and dry. Spot prime damaged areas with appropriate primer.

New Wood:

Follow general surface preparation guidelines. To insure maximum adhesion, the substrate must be free of all dead wood fibers. Prime with the specified primer or self-prime.

New Masonry, Concrete & Stucco:

Follow general surface preparation guidelines. New Concrete or Stucco should be allowed to cure for a minimum of 30 days. Prime with the specified primer.

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New Ferrous Metal:

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1247 AcryShield (cont.)

Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). Prime with specified primer immediately after cleaning.

New Aluminum & Galvanized Metal:

Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. Prime with the specified primer.

System Recommendations

New Wood:

PRIMER: 255 AcryShield 100% Acrylic Exterior Wood Primer

OR: 220 Weather-Shield Exterior Alkyd Primer

New Cement-Fiber Board (Pre-primed):

PRIMER: Not required. Prime bare or damaged areas with 247 AcryShield 100% Acrylic Exterior Masonry Primer

New Hardboard (Pre-primed):

PRIMER: Not required. Prime bare or damaged areas with 255 AcryShield 100% Acrylic Exterior Wood Primer

New Masonry, Concrete & Stucco:

PRIMER: 247 AcryShield 100% Acrylic Exterior Masonry Primer

(New Concrete or Stucco should be allowed to cure for a minimum of 30 days)

New Ferrous Metal:

PRIMER: 5725 DTM Acrylic Primer/Finish

New Aluminum & Galvanized Metal:

PRIMER: 5725 DTM Acrylic Primer/Finish

OR: 287 Kel-Bond Adhesion Plus

FINISH: 1247 AcryShield 100% Acrylic Exterior Satin Enamel

Application: Brush, Roll, or Spray

Brush: Use synthetic bristle brush.

Roller: Use 1/2" to 1" nap quality roller cover, depending on surface profile.

Spray: Airless sprayer is recommended. Use .017 to .021 orifice tip.

Do not apply when material, air, and/or surface temperature is below 40°F or above 90° F. Do not apply when rain is imminent or the temperature is less than 5° F. above the dew point. To avoid heat blisters, especially in darker colors, avoid painting in direct sun at all temperatures. Stir thoroughly before and during use. Maintain a wet edge to avoid lap marks.

Store at room temperature. Keep from freezing.

Thinning

Apply at can consistency. If thinning is necessary to maintain workability, do not exceed one-half pint of water per gallon.

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1247 AcryShield (cont.)

Precautions

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Material Safety Data Sheet for this product.

USE ONLY WITH ADEQUATE VENTILATION.

KEEP OUT OF REACH OF CHILDREN.

Proper Disposal

For proper disposal of excess material, please contact your local city or county waste management agency.

Limited Warranty: The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.

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