PRODUCT DESCRIPTION

AcryShield is a family of premium quality exterior paints, enamels and primers designed for excellent weathering and a lasting impression. Created with a 100% acrylic formula to provide outstanding color and gloss retention. AcryShield is backed by the confidence of Kelly-Moore’s Lifetime Warranty. This product is designed for use on walls and accents.

- 100% Acrylic Durability
- Excellent Color & Gloss Retention
- Mildew Resistant
- Low Temp Application

PERFECT FOR
- Residential Homes
- Commercial Buildings
- Schools
- Hospitals

SUBSTRATES & SYSTEM RECOMMENDATIONS

PREP

Properly prepare all new or previously painted surfaces. See ‘Surface Preparation’ on Page 2 for detailed instructions.

Prime surfaces with recommended Kelly-Moore primer.

Wood
- 1 Coat
- 255 AcryShield Wood Primer

Masonry, Stucco & Fiber Cement Board
- 1 Coat
- 247 AcryShield Masonry Primer

Metal
- 1 Coat
- 5725 DTM Primer/Finish

PREVIOUSLY PAINTED SURFACES

See Pages 2 and 3 for preparation and application instructions.

TOPCOAT

2 Coats
AcryShield Exterior Finish

BRUSH
- Synthetic Bristle

ROLL
- 3/8” to 3/4” Synthetic Cover

SPRAY
- 2000-2500 PSI
- .015”-.019” Orifice Tip

FILM
- 4.0 - 6.0 Wet Mils
- 1.6 - 2.4 Dry Mils

PRACTICAL COVERAGE
- 250-400 Ft²/G

DRYING TIME
- @ 75°F & 50% R.H.
- Touch: 2 Hours
- Recoat: 4 Hours

SELF-PRIMING

AcryShield Exterior Finishes can be applied as a self-priming coating over previously painted surfaces or bare wood and masonry. See Pages 2 and 3 for self-priming specifications and application information.

Ask a local Kelly-Moore representative for additional system recommendations.

SPECIFICATIONS

RESIN TYPE
100% Acrylic

FINISH
Flat <5 @ 60°

BASES AVAILABLE
White & Custom Tinted Colors

SIZES AVAILABLE
Quarts, 1 & 5 Gallon Containers

WEIGHT PER GALLON
12.1 ± 0.25 lbs.

SOLIDS BY VOLUME
40% ± 2%

V.O.C.
<50 g/L (per ASTM D6886)

MEETS V.O.C. LIMITS FOR
- CARB
- Green Seal GS-11
- National AIM
- LEED V4
- SCAQMD

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SPECIALTY PRIMER RECOMMENDATIONS

Porous Masonry
521 Prime & Fill Block Filler

Tannin Rich Wood
265 Hybrid Primer

Stain Blocking
295 Kel-Bond Universal Primer

Dense or Glossy Surfaces
287 Kel-Bond Adhesion Plus

Chalky Surfaces
98 Multi-Seal

SELF-PRIMING SYSTEM

This product is self-priming over bare wood and masonry <13 pH. A minimum of 2 coats at 4-6 wet mils are required for touch-up, as well as sheen and color uniformity. A minimum of 4 hours are required between applied coats. Over previously painted surfaces, 1-2 coats applied at 4-6 wet mils may be acceptable. An appropriate primer or sealer is required when a porous substrate, heavy tannins, or stains are present.

SURFACE PREPARATION

GENERAL All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.*

NEW SURFACES All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter.

NEW FERROUS METAL 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).

NEW ALUMINUM & GALVANIZED METAL Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly.

PREVIOUSLY PAINTED SURFACES Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.*

*See WARNING! below for existing leaded paint.

SAFETY INFORMATION

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 Safety Data Sheet for this product.

USE ONLY WITH ADEQUATE VENTILATION

KEEP OUT OF REACH OF CHILDREN

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

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.
**APPLICATION**

**MIXING** Mix well before use. Purchase enough paint to complete your project at the same time. If additional paint is needed, retain some of the original material and intermix the paint before application or touch up.

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

**DRYING** Dry times are based on standard conditions of 75°F with a relative humidity of 50%. Lower temperatures or higher humidity may extend drying times. Higher temperatures may speed drying time. Provide adequate ventilation and air movement during and after painting.

**TEMPERATURE** Do not apply when material, air, and/or surface temperature is outside of the recommendations on page 1. Store at room temperature and protect from freezing.

**COVERAGE** May vary depending on method of application, porosity and texture of the surface.

**NEW SURFACES** Prime surfaces following primer recommendations on Page 1 and 2. Two finish coats will provide a more even color and sheen. It will also help with touch-up and durability. Backroll while spraying to ensure an even coat. Backrolling the prime coat will fill in porous surfaces. Backrolling the topcoat will reduce pinholes, create uniform sheen, and make for easier touch-up. Avoid lap marks by maintaining a wet edge at all times. Re-wet your applicator before it starts to run dry; any light spots, when dried, may appear different than heavy spots in both color and sheen. An even coat is your goal. Lay the paint on and leave it alone. Be sure to give paint an opportunity to flow and level after application. This product is not intended for use on floors.

**PREVIOUSLY PAINTED SURFACES** Glossy surfaces should be completely dulled prior to painting. Spot prime bare and patched areas or prime entire surface with a suitable Kelly-Moore product. When making a significant color change, a primer is recommended to aid hide and appearance of the finish coating. Follow application instructions for ‘new surfaces’ listed above.

**STAIN BLOCKING** When painting over stains or tannins, an appropriate primer is recommended before top coating. For heavy stains, a second coat of primer may be required. 24 hours are required between all coats.

**FIBER CEMENT BOARD** Follow primer recommendations on Page 1. A minimum of two finish coats at 4-6 wet mils are required over factory prime for sheen uniformity and touch up. Backroll spray applied topcoats.

**CAULKING** When filling voids, prime the surface then apply paintable patching, acrylic caulking, or siliconized acrylic caulking to the manufacturer’s recommendations. Allow the caulking to fully dry, then apply the finish paint. When sealing voids or joints with expected movement, prime and paint the surface. Allow the paint to fully dry, then apply acrylic or siliconized acrylic caulking. Clear or colored caulking is a good choice for this type of application. Painting over caulking were substrate movement is present may cause cracking of the finish coating.

**CONTAINERS AND TOOLS** Transfer material into a clean container before use. Use new or thoroughly cleaned tools. To avoid contamination, do not re-dip applicators or add used material into containers being used for storage.

**STORAGE** Store material in a clean, tightly sealed container free of rollers, brushes, or other outside materials.

**TESTING** Prior to full application, apply a test patch to ensure the preparation and coating system are appropriate for the project. If test patch results do not meet the needs of the project, contact a Kelly-Moore representative for recommendations.

**CURE** Architectural coatings require up to 30 days after final application for full cure. Cure times vary depending on environmental conditions and air circulation. Full performance characteristics are achieved when coating has fully cured.

**CLEANING** Wait at least two weeks after application before attempting to clean or maintain the surface. Use a new soft cotton cloth or sponge with clean water to wipe the surface. If the surface has heavy dirt or stains, a mild detergent may be added to the water for cleaning. Clean tools with warm soapy water.
Subject to the limitations set forth in this Technical Data Sheet, Kelly-Moore Paint Company, Inc. ("KM") warrants that the AcryShield Exterior Paint product (the “Product”) shall be free from peeling, blistering and cracking defects during the Lifetime (as hereinafter defined) (the “Lifetime Limited Warranty”). This Lifetime Limited Warranty applies to and requires the painting of properly-prepared exterior surfaces with one (1) coat of the appropriate KM primer followed by two (2) separate coats of the Product by the owner (“Owner”) or his/her/its contractor on the structure. For the purpose of this Lifetime Limited Warranty, the term “Lifetime” means and refers to that period commencing on the date of application of the Product on the structure until such time that the Owner conveys, assigns, sells or transfers the structure on which the Product has been applied (the “Warranty Period”). This Lifetime Limited Warranty is non-transferrable and non-assignable. All recommendations for surface preparation and application made on this Technical Data Sheet must be strictly followed in order for the Lifetime Limited Warranty to be valid. If KM verifies that the Product peels, blisters or cracks during the Warranty Period due to a defect of the Product, Owner’s sole and exclusive remedy shall be KM’s replacement, at no additional cost to Owner, of an adequate quantity of the Product required to repair the affected portions of the subject surfaces to a sound condition. Owner shall not be entitled to any other remedy in lieu of Product replacement. KM does not warrant the film integrity of previously applied coatings. This Lifetime Limited Warranty does not apply to improperly prepared or below grade surfaces, surfaces not specifically recommended for coating application or coating failures resulting from cracks or openings, structural defects, faulty construction, physical abuse, extreme weather, natural disasters or other causes beyond KM’s reasonable control. Color fading is specifically excluded from this Lifetime Limited Warranty. This Lifetime Limited Warranty excludes labor and the cost of labor. No modifications, changes or amendments to this Lifetime Limited Warranty are valid. THE LIFETIME LIMITED WARRANTY STATED IN THIS TECHNICAL DATA SHEET IS EXCLUSIVE OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, NONE OF WHICH SHALL APPLY TO THE PRODUCT. TO THE MAXIMUM EXTENT PERMITTED UNDER THE LAW OF THE JURISDICTION WHERE THE PRODUCT IS SOLD, THIS WARRANTY ALSO EXCLUDES LIABILITY FOR ANY LOSS OF PROFITS, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY LIFETIME LIMITED WARRANTY ON THE PRODUCTS. KM SHALL NOT BE LIABLE FOR ANY LOSS, CLAIM, EXPENSE OR DAMAGE CAUSED BY, CONTRIBUTED TO OR ARISING OUT OF THE ACTS OR OMISSIONS OF OWNER OR THIRD PARTIES, WHETHER NEGLIGENT OR OTHERWISE. IN NO EVENT SHALL KM’S LIABILITY UNDER ANY CAUSE OF ACTION WHATSOEVER EXCEED THE COST OF THE PRODUCT GIVING RISE TO THE CLAIM, WHETHER BASED IN CONTRACT, WARRANTY, INDEMNITY OR TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHERWISE.