PRODUCT DESCRIPTION

Weather Shield is a premium quality exterior alkyd primer designed to block stains and seal wood surfaces.

FEATURES
• Stain Blocking
• Tannin Resistant
• High Hide
• Excellent Adhesion

PERFECT FOR
• Bare Wood
• Hardboard
• Previously Paint Surfaces
• Redwood & Cedars

THIS PRODUCT MAY NOT BE AVAILABLE IN SOME AREAS DUE TO VOC REGULATIONS

SUBSTRATES & SYSTEM RECOMMENDATIONS

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

Prime 1 Coat Weather Shield Exterior Alkyd Primer

Prime
BRUSH Synthetic Bristle
ROLL 1/4” - 1/2” Premium Cover
SPRAY 2000-2500 PSI .013” - .015” Orifice Tip

ROLL

FINISH <10 @ 60°

PRACTICAL COVERAGE 250-400 sq ft/gal

DRYING TIME @ 75°F & 50% R.H.
Touch: 4 Hours
Recoat: 24 Hours

Topcoat 2 Coats Preferred Kelly-Moore Finish

Kelly-Moore offers a wide variety of paints in many sheens for nearly every surface. It is important to choose the correct product for your project.

Follow application instructions found on Pages 2 and 3. Refer to the Technical Data Sheet of selected finish for complete product specifications and information.

SPECIFICATIONS

RESIN TYPE Alkyd
WEIGHT PER GALLON 11.9 ± 0.25 lbs.
SOLIDS BY VOLUME 56% ± 2%
FINISH <10 @ 60°
SIZES AVAILABLE 1 & 5 Gallons
BASES AVAILABLE Off White
TEMPERATURE 50°F - 100°F
CLEAN-UP Mineral Spirits
V.O.C. <350 g/L (per ASTM D6886)
MEETS V.O.C. LIMITS FOR • National AIM

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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 This product has been formulated to comply with current regulations. DO NOT THIN.

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. 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.

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NEW SURFACES  Prime surfaces following primer recommendations on Page 1.
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.

TEXTURED DRYWALL  In a textured drywall system, seal the wallboard prior to applying texture. Follow system
recommendations from Page 1 when painting over newly applied texture.

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.

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.