



220 WEATHER SHIELD

Exterior Alkyd Primer for Stain Blocking

Product Description

A long oil alkyd, exterior stain blocking primer for new or previously painted wood in sound condition. Features controlled penetration to provide good adhesion and an opaque surface film. Remarkably easy working with smooth flow. Seals and primes wood surfaces in one coat. Excellent for commercial and residential application.

MPI Approved Product Category: #5

Performance Features

- Good Stain Resistance over Cedar & Redwood
- Durable
- High Hiding
- Excellent Adhesion
- Good Flow and Leveling

Product Specifications

Resin Type:	Alkyd
Color Range:	Off White
Drying Time: (75° F. & 50% R.H.)	To touch: 5 - 8 hours To recoat: overnight.
Practical Coverage:	Approx. 450-550 sq ft/gallon
Recommended Dry Film Thickness:	1.5-2.0 mils per coat
Weight per Gallon:	11.9 lbs.
Solids by Weight:	75%
Solids by Volume:	56%
Shelf Life:	2 years (unopened containers)
Sizes:	Five gallon, one gallon & quarts
V.O.C.	<350 Grams per liter
Clean Up:	Mineral Spirits

Product Analysis (by weight)

PIGMENT COMPOSITION		56%
Titanium Dioxide:		10%
Silicates:		13%
Calcium Carbonate:		33%
VEHICLE COMPOSITION		44%
Alkyd Resin:		19%
Solvents, Driers, Additives:		25%

Surface Preparation

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.

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.

Previously Painted Surfaces:

This product is not designed to eliminate required surface preparation. All peeling, flaking or moderate to heavy chalky surfaces must be removed to a firm, clean surface by sandblasting or other suitable means. Lightly chalking masonry surfaces should be primed with a Kelly-Moore Surface Conditioner.

New Wood:

Follow general surface preparation guidelines. Remove all loose wood fibers. Knots and pitch spots may be sealed with pigmented shellac.

System Recommendations

Wood:

PRIMER: 220 Weather Shield

FINISH:

Appropriate Kelly-Moore finish.

Application

Brush, roll, or spray. Maintain a wet edge to avoid lap marks. Do not apply when material, air, and/or surface temperature is below 40°F. Extremely high or low temperature may adversely affect dry time. Stir thoroughly before and during use.

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220 WEATHER SHIELD (cont.)

Thinning

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

Precautions

WARNING! COMBUSTIBLE LIQUID AND VAPOR

Contains Mineral Spirits. Vapor Harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye, skin, nose and throat irritation. Prevent build-up of vapors in enclosed areas by opening all windows and doors to achieve cross ventilation during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection(NIOSH/MSHA TC-23C or equivalent) or leave the area. Always wear respiratory protection during spray application. **Keep away from heat and flame.** Do not smoke. Close container after each use. Avoid contact with eyes and skin. **Notice:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. **First Aid:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. For skin contact, wash with soap and water thoroughly. Get medical attention if irritation persists. 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.

Mildew: This paint has been formulated to be mildew resistant, however, it will not mildew-proof the surface nor completely prevent or destroy mildew. Therefore, Kelly-Moore Paint Company Inc. assumes no responsibility for mildew development.

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.