



KILZ® ORIGINAL WATER-BASED PRIMER

INTERIOR WATER-BASED PRIMER & STAINBLOCKER

Designed to deliver the same heavy stain blocking, smooth flow and leveling, sandability, and excellent adhesion as our KILZ Original Interior Oil-Based Primer while bringing the conveniences of water base such as low odor, low VOC's and easy soap and water clean-up! KILZ Original Water-Based Primer blocks tough stains such as water, tannin, smoke, nicotine, grease, marker and more. Dries fast in 1 hour and sands easily in as little as 2 hours after application. It can be used for a wide variety of interior surfaces and works well with water-based or oil-based paints. Not suitable for areas prone to mold and/or mildew or as a primer for floor coatings.

Ideal for properly prepared coated and uncoated interior substrates such as:

- Wood
- Drywall
- MDF
- Plaster
- Brick
- Masonry
- Concrete
- Metals (clean, non-rusty)
- Aluminum
- Previously Painted Surfaces
- Properly Prepared Glossy Surfaces

PRODUCT SPECIFICATIONS

No. L2003

Resin Type: Acrylic Modified Epoxy

Weight per Gallon: 11.4 lb

% Solids by Volume: 37%

% Solids by Weight: 54%

VOC: <100 g/L

Flash Point: N/A

Viscosity: 94-102 KU

Recommended Film Thickness:

Wet: 5.3mils / Dry: 2.0 mils @ 300 sq ft/ gal

Wet: 4.0 mils / Dry: 1.5 mils @ 400 sq ft/ gal

APPLICATION

Brush: Nylon/polyester

Roller: ¾" - ½" roller cover, depending on surface texture

Airless Spray:

Tip: .015" - .021"

Filter: 60 mesh

Fluid Pressure: 2,500 - 3,200 psi

Thinning: Not recommended. Product is formulated for use at package consistency only.

Dry Time: @ 77°F & 50% RH

To Touch: 30 minutes

To Recoat: 1 hour

COMPLIANCE & CERTIFICATIONS

Complies with the below as of 9/1/2025

SCAQMD	YES	GREENGUARD® [†] Gold	YES
CARB SCM 2020	YES	LEED® [‡] v4.1	YES
CARB SCM 2007	YES	LEED® [‡] v4	YES
OTC Phase II	YES	WELL BUILDING STANDARD®	YES
OTC	YES	NAHB/ICC NGBS	YES
LADCO	YES	CHPS®	YES
EPA AIM	YES		

Class A Fire Rating (Flame Spread Index: 0-25 & Smoke Development Index: 0-450) over non-combustible surfaces when tested in accordance with ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.

This coating conforms to USDA regulatory requirements for incidental food-contact materials intended for use on surfaces not in direct contact with food, such as walls, ceilings, and floors.

[†]GREENGUARD is a registered trademark of UL Company.

[‡]Please visit www.usgbc.org/LEED for additional details.

SURFACE PREPARATION

When measured with an electronic moisture meter, maximum moisture content of substrates is as follows:

- **Gypsum Board (Drywall):** 12%
- **Plaster:** 12%
- **Concrete & Masonry:** 12%
- **Concrete Masonry Units (CMUs):** 12%
- **Wood:** 15%

Drywall: All screws and nail heads must be set and filled. Joints must be taped and covered with a joint compound. Tape joints must be sanded smooth and all dust removed prior to painting.

Plaster: Bare plaster needs to be cured and hardened, which typically takes 30 days. For textured, soft, porous, or powdery plaster, treat it with a solution of 1 part household vinegar to 8 parts of clean water. Repeat this process until the surface hardens, then rinse with clear water and allow it to dry.

Wood: Scrape and clean knots. Before applying primer, apply a coat of knot sealer. Sand surfaces that will be visible and remove dust. Prime edges, ends, faces, undersides, and backsides of the wood. After priming, fill holes and imperfections with an appropriate patching material. Sand patched and filled surfaces smooth and remove dust before coating.

Concrete & Masonry (Precast Concrete, Poured-In-Place Concrete, Portland-Based Cement, Fiber Cement): Remove release agents, curing compounds, efflorescence, and chalk. Avoid painting surfaces if moisture content or alkalinity exceeds manufacturer's guidelines. For smooth trowel concrete, ensure an adequate adhesion profile using products like muriatic acid etcher or mechanical methods. Clear all loose aggregate and debris. For tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be needed for surface preparation. Fill bug holes, air pockets, and other voids with a cement patching compound. KILZ Original Water-Based Primer may be used on clean, dry, aged interior masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ Original Water-Based Primer.

Concrete Masonry Units (Concrete Block, Cinder Block, Split-Faced Block): Remove efflorescence and chalk. Avoid painting surfaces if moisture content or alkalinity exceeds manufacturer's guidelines.

Metal (Steel): Minimum surface preparation is Hand Tool- Cleaning in accordance with SSPC-SP2. Remove all oil and grease from the surface with a solvent in accordance with SSPC-SP1. For optimal performance, use Commercial Blast Cleaning in accordance with SSPC-SP6. Prime the area with a rust-inhibitive primer the same day as cleaned.

Shop-Primed Steel: As there is potential for many forms of contamination during storage and transport, a thorough cleaning is always recommended for shop-primed surfaces. Paint exposed areas, i.e., where shop primer is abraded, with the same material as used for shop priming to comply with SSPC-PA 1 for touching up shop-primed surfaces. Note: Assess the integrity of the shop primer prior to application of subsequent coatings. Review all coatings intended for the project and confirm the compatibility between shop and field-applied coatings.

Previously Painted Surfaces: Maintenance painting often doesn't require complete removal of all old coatings before repainting. However, all contaminants such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, efflorescence, and sealers must be removed to ensure strong adhesion to the existing paint. Glossy surfaces of old paint films must be clean and dull before repainting. Spot-prime any bare areas with an appropriate primer.

Stain-Blocking: After priming, test for stain bleed-through by applying the topcoat to a small section. Allow the primer to dry longer for heavier stain-blocking. If the stain bleeds through the topcoat, apply a second coat of primer and test again before topcoating the entire area.

Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.

Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact Lead Information Center at 1-800-424-LEAD or log on to www.epa.gov/lead.

CLEAN-UP/DISPOSAL

Clean all tools and equipment with warm, soapy water. Do not dispose of this product down a drain. If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations. For recycling or disposal of empty containers, unused product and soiled rags, contact your household refuse collection service.

CAUTIONS/LIMITATIONS

- KILZ Original Water-Based Primer has a unique formula and should never be intermixed with other products.
- KILZ Original Water-Based Primer is not tintable.
- Protect from freezing.
- Do not use on floors.
- For best results, apply when air, material and surface temperatures are between 50°F and 90°F. Temperatures above 90°F can cause the paint to dry too fast, whereas temperatures below 50°F can inhibit proper film formation.
- Allow two weeks before washing or cleaning for full cure.
- Shelf life under normal conditions is two years unopened.

HEALTH & SAFETY INFORMATION

WARNING! IRRITANT. CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. Avoid contact with skin and eyes and avoid breathing vapors, spray mist and sanding dust. Sanding, grinding or abrading may release sanding dust, which may be harmful if inhaled and has been shown to cause lung damage or cancer with long term exposure. Do not breathe dust, vapor, or spray mist. To avoid breathing in dust, vapors, and spray mist, open windows and doors or use other means to ensure fresh air entry during application, drying, sanding, and/or abrading. If properly used, a respirator (NIOSH approved with particulate pre-filter) may offer additional protection and should be used if adequate ventilation cannot be provided; obtain professional advice before using. If you experience eye watering, headaches, or dizziness during application or drying, increase fresh air or leave the area. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use.

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, flush immediately with plenty of water for at least 20 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY.