



## BONDING PRIMER



### PRODUCT INFORMATION

KILZ® Bonding Primer is a high-performance, ready-to-use, water-based pre-treatment, designed specifically to promote optimum adhesion to porous concrete. When properly applied, it provides a sound surface with excellent resistance to water, alkali and efflorescence. The primer will appear slightly milky in the container, but it will dry to a clear, natural look. This specially formulated bonding primer can be used to improve bonding whenever a masonry coating is to be applied, using a product such as KILZ Porch & Patio Floor Paint, KILZ Solid Color Concrete Stain, KILZ Semi-Transparent Concrete Stain, or KILZ 1-Part Epoxy Concrete & Garage Floor Paint.

### RECOMMENDED USES:

Use on uncoated, porous interior or exterior surfaces, including:

- Concrete
- Masonry

NOTE: Some surfaces may appear slightly darker after product dries.

### PRODUCT SPECIFICATIONS

#### Tint Bases/Max Tint Load:

No. L1504 128 oz

#### Sheen: 5-10 @ 85°

Sheen levels depend on porosity and various surface irregularities.

#### Resin Type: Epoxy/Acrylic

#### Weight per Gallon: 8.4 lbs

#### % Solids by Volume: 14.7%

#### % Solids by Weight: 15.3%

#### VOC: <100 g/L

#### Flash Point: N/A

#### Viscosity: 19-41 sec. #2 Zahn

#### Recommended Film Thickness:

Wet: 4.6 Dry: 0.7 mils @ 350 sq. ft./Gal.

Wet: 3.2 Dry: 0.5 mils @ 500 sq. ft./Gal.

**Coverage:** 350-500 sq. ft./Gal. depending on application method and substrate porosity. Does not include the loss of material from spraying.

### APPLICATION

**Brush:** Nylon/polyester

**Roller:** 3/8" - 1/2" nap

**Spray:** High quality Pump Spray

**Tip:** Adjustable

**Thinning:** (Not Recommended)

**Dry Time:** @ 77° & 50% RH

**To Touch:** 2 hours

**To Recoat:** 4 hours

Must be top coated after at least 8 hours and no longer than 30 days or the Primer will remain tacky until topcoat is applied.

Longer dry time may be required in cooler temperatures and higher humidity.

### SURFACE PREPARATION

All surfaces must be clean, free of dust, chalk, mold and mildew stains, loose and peeling paint and all other foreign substances. Clean surfaces with a detergent and water solution by scrubbing the surface vigorously and rinse with a garden hose or a power washer and allow substrate to dry.

**Masonry New:** All masonry surfaces must be cured at least 30 days before painting. The pH must be 10.0 or lower prior to coating. Smooth masonry may require an adequate profile for adhesion. For all other smooth concrete, create a profile using a product such as KILZ Concrete & Masonry Cleaner & Etcher or with mechanical means. Use a product such as KILZ Concrete & Masonry Degreaser & Cleaner to remove loose aggregate and debris.

Clean surfaces with a detergent and water solution and rinse with a garden hose or a power washer at a low setting (500-1200 PSI). DO NOT USE HIGH PRESSURE as this may harm the substrate. **Previously Painted Surface:** All surfaces must be clean, free of dust, chalk, mold and mildew stains, loose and peeling paint and all other foreign substances. Clean surfaces with a detergent and water solution and rinse with a garden hose or a power washer and allow substrate to dry.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact the National Lead Information Center at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

#### COMPLIES WITH THE BELOW AS OF 9/1/2014

SCAQMD	YES	LADCO	YES
CARB	YES	AIM	YES
OTC	YES		

### CLEAN UP

Clean all tools and equipment with clean water. Do not use soap and water to clean brushes or other applicators. Use commercial brush cleaner for cleanup. For disposal of empty containers and unused product, contact your household refuse collection service.

### CAUTIONS/LIMITATIONS

- Must apply a topcoat after at least 4 hours, but before 30 days.
- Protect from freezing.
- Use on new or uncoated surfaces only.
- For best results, apply at temperatures between 50°F - 90°F. Temperatures above 90°F may affect the application such as drying too fast. Avoid painting in direct sun. NOTE: If the surface is hot to the touch it should be considered to hot to apply this coating.
- Avoid heavy traffic for 24 hours.
- Shelf life under normal conditions is two years unopened.
- Must be top-coated within 30 days.

### GENERAL INFORMATION



**Warning!** Causes eye and skin irritation. Wear protective clothing, gloves, eye, and face protection. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

**First aid: If in eyes:** Rinse cautiously with water for several minutes and remove contacts if present and easy to do. Continue rinsing and get medical attention if eye irritation persists. **If on skin:** Wash with plenty of soap and water. **If swallowed:** Rinse mouth and get medical attention if you feel unwell.