



Prime Lock Plus

Alkyd Primer/Sealer
PS-8100

General Description

Prime Lock Plus Alkyd Primer/Sealer is a high-hiding, stain-blocking primer for interior and exterior surfaces. It adheres to glossy finishes, prevents wood grain raising, and works under oil or latex topcoats.

- Penetrating alkyd formula
- Seals all surfaces
- Blocks stains
- For water damaged substrates
- Quick drying
- Recoat in 2 hours

Usage

For plaster, drywall, wood, and previously painted or varnished surfaces. Blocks stains from water, smoke, fire, tannin, and household marks. Ideal for cedar and redwood to prevent tannin bleed. Also serves as a wallpaper primer for easy positioning and removal. Severe stains may require an additional coat before finishing. Not for walking surfaces.

Colors	White
Bases	NA
Colorant System	Color Preview® or Universal Colorants (Up to 2 fl oz may be added per gallon.)

Technical Data

Vehicle	Alkyd
Pigment	Titanium Dioxide
Volume Solids	58 ± 2%
Spread Rate Per Gallon	300 – 400 Sq. Ft.
Recommended	Wet: 4.0 – 5.3 mils
Film Thickness	Dry: 2.3 – 3.1 mils

Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.

Dry Time @ 77 °F (25 °C) @ 50% RH	To Touch: 1 hour
	To Recoat: 2 hours

High humidity and cool temperatures will result in longer dry, recoat and service times.

Surface Temperature	Min: 45 °F
During Application	Max: 90 °F
Viscosity	80 ± 4 KU
Flash Point	92 °F (TT-P-141, Method 4293)
Sheen / Gloss	0 – 5 @ 60°
Clean Up	Mineral Spirits
Thinner	Do not thin
Weight Per Gallon	12.3 lbs.
Storage Temperature	Min: 40 °F
	Max: 90 °F
VOC	< 350 g/L

Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials, and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust.

New plaster or masonry surfaces must be allowed to cure before applying base coat. Cured plaster should be hard, have a slight sheen and maximum pH of 10; soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles before priming. Wood substrates must be thoroughly dry. Caution: Smooth planed clapboards or siding must be sanded thoroughly to break the "mill glaze" allowing proper penetration and adhesion.

Stains – As a stain blocker, Prime Lock Plus provides excellent stain blocking properties against common stains, such as water stains, tannin, smoke stains, graffiti, crayons, lipstick and fingerprints. However, it is recommended to thoroughly clean the affected surface areas as directed above before application. Some difficult stains may require two prime coat applications.

WARNING! If you scrape, sand, or remove old paint, 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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Compliance & Certifications

FEDERAL	✓
OTC	✓
OTC II	-
CARB	✓
CARB07	-
CARB19	-
UTAH	-
AZMC	✓
SCAQMD	-

MPI	69
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Limitations

- Do not apply at temperatures below 45 °F (7.2 °C).
- Not recommended for walking surfaces.
- Do not paint if surface temperature is within 5 degrees of the dew point.

Technical Assistance

Available through your local authorized independent retailer.

call 1-866-708-9180
visit www.insl-x.com

Application

Stir product with a circular, lifting motion before you begin to paint. Prime Lock Plus may be applied by brush, roller, spray or pad applicator at up to 400 square feet per gallon. This product is formulated to be applied without thinning. Do not thin if this would result in the product exceeding any VOC regulations in effect where it is being applied.

Do not apply Prime Lock Plus unless the surface, material and ambient temperatures are 45 °F or over. Do not paint if surface temperature is within 5 degrees of the dew point.

Spray, Airless:

Pressure / 1,500 – 2,500 PSI

Tip / 0.013 – 0.017

Clean Up

Clean equipment with mineral spirits immediately after use.

DANGER – Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.

Environmental Health & Safety Information

COMBUSTIBLE LIQUID AND VAPOR
VAPOR HARMFUL

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT. MAY CAUSE ALLERGIC SKIN REACTION.

NOTICE: Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.



WARNING Cancer and Reproductive Harm— www.P65Warnings.ca.gov
Refer to the product label & Safety Data Sheet for product specific information.

FIRST AID: Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

IN CASE OF FIRE – Use foam, CO₂, dry chemical or water fog.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

**Refer to Safety Data Sheet for additional health
and safety information.**