



PRIME LOCK PLUS

ALKYD PRIMER/SEALER PS-8100

Features

- Blocks stains
- Penetrating alkyd formula
- Seals all surfaces
- Excellent enamel holdout
- Recoat in 2 hours
- Interior / Exterior

General Description

Prime Lock Plus Alkyd Primer/Sealer is a high hiding, alkyd-based primer and stain blocker for interior and exterior surfaces. Excellent for priming over plaster, drywall, wood and previously painted or varnished surfaces. It can be top coated with any oil or latex paint. It provides excellent enamel holdout and will not raise wood grain. It has excellent adhesion over glossy surfaces. It is effective against "bleed through" from fire and smoke damage, water stains, wood tannin, crayon, lipstick, ballpoint pen and felt pad inks. Severe stains may require an additional coat of Prime Lock Plus before applying the finish coat.

Recommended For

Seal burned or charred wood. Use as an enamel under-coater prior to latex or oil topcoats. Apply to bleeding woods such as cedar and redwood to block tannin stains. Excellent as a primer for walls before wallpapering for easy positioning and removal. Lock in common household stains from food, grease and graffiti. Prime Lock Plus provides excellent adhesion over difficult to paint surfaces such as glossy paint, Formica, tile, Marlite, PVC and tile.

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.

Product Information																																																																												
<p>Colours — Standard: White Can tint with up to 60 mL of Universal Colorant</p> <p>— Tint Bases: N/A</p> <p>— Special Colours: Contact your dealer.</p> <p>Certifications & Qualifications: VOC compliant in Canada</p> <p>The product supported by this data sheet contains a maximum of 350 grams per litre VOC / VOS (2.92 lbs/gal.) excluding water and exempt solvents. Master Painters Institute MPI # 69</p> <p>Technical Assistance: Available through your local authorized independent Insl-x dealer. For the location of the dealer nearest you, call 1-866-708-9180 or visit www.Insl-x.ca</p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data</th> <th>White</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td colspan="2">Alkyd</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">58.1 ± 2%</td> </tr> <tr> <td>Coverage per 3.79 L at</td> <td colspan="2">27.9 – 37.2 m²</td> </tr> <tr> <td>Recommended Film Thickness</td> <td colspan="2">(300 – 400 sq. ft.)</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>4.0 – 5.3 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>2.3 – 3.1 mils</td> </tr> <tr> <td colspan="3">Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 25 °C (77 °F) @ 50% RH</td> <td>– Tack Free</td> <td>30 Minutes</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>2 Hours</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td>Dries By</td> <td colspan="2">Oxidation</td> </tr> <tr> <td>Viscosity</td> <td colspan="2">80 ± 5 KU</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">33.3 °C (92 °F) or greater (TT-P-141, Method 4293)</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2">Flat</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>7.2 °C (45 °F)</td> </tr> <tr> <td></td> <td>– Max.</td> <td>32.2 °C (90 °F)</td> </tr> <tr> <td>Thin With</td> <td colspan="2">Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">Mineral Spirits</td> </tr> <tr> <td>Weight Per 3.79 L</td> <td colspan="2">5.6 kg (12.3 lbs)</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>7.2 °C (45 °F)</td> </tr> <tr> <td></td> <td>– Max.</td> <td>35 °C (95 °F)</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="3" style="text-align: center;">323 Grams/Litre</td> </tr> </tbody> </table>	Technical Data		White	Vehicle Type	Alkyd		Pigment Type	Titanium Dioxide		Volume Solids	58.1 ± 2%		Coverage per 3.79 L at	27.9 – 37.2 m ²		Recommended Film Thickness	(300 – 400 sq. ft.)		Recommended Film Thickness	– Wet	4.0 – 5.3 mils		– 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 colour uniformity and minimize the disposal of excess paint.			Dry Time @ 25 °C (77 °F) @ 50% RH	– Tack Free	30 Minutes		– To Recoat	2 Hours	High humidity and cool temperatures will result in longer dry, recoat and service times.			Dries By	Oxidation		Viscosity	80 ± 5 KU		Flash Point	33.3 °C (92 °F) or greater (TT-P-141, Method 4293)		Gloss / Sheen	Flat		Surface Temperature at Application	– Min.	7.2 °C (45 °F)		– Max.	32.2 °C (90 °F)	Thin With	Do Not Thin		Clean Up Thinner	Mineral Spirits		Weight Per 3.79 L	5.6 kg (12.3 lbs)		Storage Temperature	– Min.	7.2 °C (45 °F)		– Max.	35 °C (95 °F)	Volatile Organic Compounds (VOC)			323 Grams/Litre		
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Surface Preparation

Surface to be painted must be clean and free of dirt, chalk, wax, grease, rust, mold/mildew or loose, flaking paint. Dirt and chalk should be removed by scrubbing with warm soapy water and thoroughly rinsed with clean water. Remove mildew using a bleach and water mixture. Rust must be removed by hand sanding vigorously or by conscientious power tool cleaning. Remove loose paint by scraping. Feather sand rough edges to insure a smooth finish coat. Remove sanding dust before paint application.

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 logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

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 37.2 square meters per 3.79 L. 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 7.2 °C (45 °F) or over. Do not paint if surface temperature is within 5 ° of the dew point.

Clean Up

Clean equipment with mineral spirits immediately after use.

Environmental Health & Safety Information

DANGER

FLAMMABLE

READ INSTRUCTIONS BEFORE USING
CONTENTS MAY CATCH FIRE

Do not smoke. Use only in a well-ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor.

Materials such as rags used with this product may begin to burn by themselves.

After use, put rags in water or lay flat to dry, then discard.

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN

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