



High Build Peel Bonding Primer

BP-1100

General Description

A water-based, acrylic primer designed to smooth, seal, and extend the life of weathered surfaces. It applies as a milky white color for ease of visibility during application and top coating. High Build Peel Bonding Primer glues down peeling, cracking or chalking paint, reducing surface preparation. It provides a mildew resistant coating and is effective in blocking stains from rust as well as mild tannin bleed. It is recommended to topcoat with a water-based paint.

- Glues down and stops peeling paint
- Seals and prevents cracking
- Remains flexible & breathable
- Low VOC

Usage

Interior and exterior surfaces including drywall, plywood, wood siding, fences, stucco, concrete, and galvanized metal in residential and commercial applications.

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

Technical Data

Vehicle	Acrylic
Pigment	Titanium Dioxide
Volume Solids	42 ± 2%
Spread Rate Per Gallon	150 – 350 Sq. Ft.
Recommended	Wet: 4.6 – 10.7 mils
Film Thickness	Dry: 1.9 – 4.5 mils

Depending on surface texture and porosity. Apply at a rate of 80 sq. ft. per gallon when applied at 20 mils (WFT).

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: 35 °F
During Application	Max: 90 °F
Viscosity	97 ± 4 KU
Flash Point	None
Sheen / Gloss	3 – 8 @ 85°
Clean Up	Warm, soapy water
Thinner	Do not thin
Weight Per Gallon	10.1 lbs.
Storage Temperature	Min: 40 °F
	Max: 90 °F
VOC	< 50 g/L

Surface Preparation

All surface areas to be painted should be clean, dry, sound and free of all dirt, grease, oils, waxes, mildew and any other surface contaminants that can cause paint failure. Dirt and chalk should be thoroughly removed by scrubbing with warm soapy water. Grease residue should be removed with a cleaner.

High Build Peel Bonding Primer BP-1100 works great over marginally prepared surfaces, however removing as much loose or peeling paint as practical will increase the longevity of the finish. For best results, remove loose, cracking and peeling paint from previously coated surfaces. Remove loose rust, mill scale, rust as well as dull glossy surfaces by lightly sanding. Remove sanding dust before application.

Repair/replace any seriously damaged and/or delaminated surface areas. Lightly feather sand all rough paint edges to adjacent surface area. All glossy surface areas should be lightly sanded to effectively dull any existing sheen and create a more suitable surface for painting. Mildew – Surface areas affected by mildew should be thoroughly hand scrubbed with a soft to medium bristle scrub brush and a solution of one cup Tri-Sodium Phosphate or a non-ammoniated detergent cleaner mixed with one part household bleach* and three parts warm water, per gallon solution. Allow solution to stand on the affected surface areas for approximately 10 – 20 minutes, then rinse thoroughly with clean water and allow 24 hours to dry.

*Follow bleach manufacturer's instructions for safe handling and use of bleach solution.

Stains – As a stain blocker, High Build Peel Bonding Primer will block rust stains and mild tannin stains. Two coats maybe required to seal difficult staining on tannin-rich wood.

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	✓

Limitations

- Apply when surface and ambient temperature is above 35 °F and below 90 °F
- Not for use on floors, decks or other walking surfaces
- Not for immersion service or areas of pooling water

Technical Assistance

Available through your local authorized independent retailer.

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

Application

High Build Peel Bonding Primer applies easily with a quality brush, roller, airless or conventional spray methods. Stir product thoroughly before using. For best results, it is recommended to apply by brush or roller application to effectively work primer into surface pores. When applying by airless sprayer, it is recommended that the surface area should be back-rolled/brushed to ensure proper adhesion, even application and effectively work primer into surface pores. It is important to maintain a wet edge during all methods of paint application by brushing or rolling into previously applied coating area.

For a high-build application, apply at a spread rate of 80 sq. ft. per gallon, at 20 mils (wet film thickness).

Apply when surface and ambient temperature are above 35 °F and below 90 °F. Avoid paint application outside when weather conditions are threatening, and late in the afternoon when there is a threat of moisture condensing on wet primer. Do not prime if surface temperature is within 5 °F of the dew point.

Spray, Airless:

Pressure / 2,000 – 3,000 PSI

Tip / 0.017 – 0.023

Clean Up

Wash brushes, rollers, and other painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.

Environmental Health & Safety Information

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.

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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.**