



HIGH BUILD PEEL BONDING PRIMER BP-1100

Features

- Glues down and stops peeling paint
- Seals and prevents cracking
- Remains flexible and breathable over time
- Apply up to 20 mils wet
- Blocks tannin and rust bleed
- Provides a mildew resistant coating
- Top coat in two hours

Recommended For

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

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.

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

Product Information

Colors — Standard:

White (BP-1100)

White can be tinted with up to 2 fl. oz. of Benjamin Moore® Gennex®, Color Preview® or Universal colorant

— Tint Bases:

NA

— Special Colors:

Contact your dealer.

Certifications & Qualifications:

VOC compliant in all regulated areas

The product supported by this data sheet contains a maximum of 50 grams per liter VOC/VOS (0.42 lbs. /gal.) excluding water and exempt solvents.

Technical Assistance:

Available through your local authorized independent dealer. For the location of the dealer nearest you, call 1-866-708-9180 or visit www.insl-x.com

Technical Data◇

White

| | | |
|--|-------------------|-----------------|
| Vehicle Type | Acrylic | |
| Pigment Type | Titanium Dioxide | |
| Volume Solids | 41.5 ± 1.0% | |
| Coverage per Gallon at Recommended Film Thickness | 150 – 350 Sq. Ft. | |
| Recommended Film Thickness | – Wet | 4.8 – 10.8 mils |
| | – Dry | 2.0 – 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 | – Tack Free | 1 Hour |
| | – To Recoat | 2 Hours |
| High humidity and cool temperatures will result in longer dry, recoat and service times. | | |
| Dries By | Coalescence | |
| Viscosity | 97 ± 5 KU | |
| Flash Point | NA | |
| Gloss / Sheen | Flat | |
| Surface Temperature at Application | – Min. | 35 °F |
| | – Max. | 90 °F |
| Thin With | Do not Thin | |
| Clean Up Thinner | Warm Soapy Water | |
| Weight Per Gallon | 10.1 lbs. | |
| Storage Temperature | – Min. | 40 °F |
| | – Max. | 90 °F |

Volatile Organic Compounds (VOC)

45.5 Grams/Liter 0.38 Lbs./Gallon

◇ Reported values are for White.

High Build Peel Bonding Primer BP-1100

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.

Peel Bonding Primer PB-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. Carefully clean up 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 Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.**

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. If applying by airless sprayer, it is recommended to use a unit with a minimum of 2,000 PSI of pressure with a 0.018 – 0.022 fluid spray tip. When applying by airless sprayer, it is recommended that the surface area should be back-rolled/brushed to insure 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.

Clean Up

Remove all spatters immediately with soap and water. Wash all equipment with soap and water immediately after use.

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. May cause allergic skin reaction. 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

WARNING: This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

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.**