



Vapor Barrier Primer/Sealer

VB-5000

General Description

A specially designed interior latex primer sealer that provides a film with low vapor permeability. This fast-drying, non-breathing primer-sealer acts as a moisture vapor barrier when applied on interior walls and ceilings.

- Provides a Class II vapor barrier
- Excellent holdout
- Low VOC

Usage

For new or previously painted drywall, composition board, non-bleeding wood, cured plaster and masonry walls and ceilings. Has a perm rating of less than 1.0 when applied at recommended coverage rate. Effectively prevents moisture from penetrating into the stud wall areas thereby maintaining the efficiency of your home's insulation. Can be used under latex or solvent-based paints.

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	Styrene Acrylic
Pigment	Titanium Dioxide
Volume Solids	34 ± 2%
Spread Rate Per Gallon	400 – 450 Sq. Ft.
Recommended	Wet: 3.6 – 4.0 mils
Film Thickness	Dry: 1.2 – 1.4 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: 50 °F
During Application	Max: 90 °F
Viscosity	92 ± 4 KU
Flash Point	None
Sheen / Gloss	2 – 4 @ 85°
Clean Up	Warm, soapy water
Thinner	Do not thin
Weight Per Gallon	10.9 lbs.
Storage Temperature	Min: 40 °F
	Max: 90 °F
VOC	< 100 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.

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.

Application

Do not thin, thinning will reduce the perm rating. Stir thoroughly before use. This product may be applied by brush, roller or spray.

Apply before and after filling nail holes, cracks, and other surface imperfections. Sand smooth when dry.

Spray, Airless:
Pressure / 1,500 – 3,000 PSI
Tip / 0.013 – 0.017

Compliance & Certifications

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

Eligible for LEED® v4	✓
CDPH Emissions Certified	✓
Eligible for CHPS low emitting credit (Collaborative for High Performance Schools)	✓
MPI	61

ASTM D1653 Water vapor permeance: 0.58 perms

Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84

Limitations

- Apply when surface and ambient temperatures are above 50 °F (10 °C) and below 90 °F (32.2 °C).

Technical Assistance

Available through your local authorized independent retailer.

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

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.

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 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.**