



## VAPOR BARRIER PRIMER/SEALER VB-5000

### Features

- Provides a Class II vapor barrier
- Perm rating less than 1.0 when tested under ASTM D 1653
- Low VOC
- Ideal for wallboard and plaster surfaces
- Good adhesion
- Hides well with excellent hold out
- Can be used under latex or solvent-based paints

### 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.

### Recommended For

- For commercial and residential applications
- For new or previously painted drywall construction, plaster, composition board, non-bleeding wood, and concrete

### Limitations

- Do not apply when air and surface temperatures are below 50 °F (10 °C)

### Product Information

Colors — Standard:	Technical Data <sup>∅</sup>	White
White (00) May be tinted with up to 2 fl. oz. of Benjamin Moore® Gennex®, Color Preview® or universal colorant per gallon.	Vehicle Type	Styrene Butadiene Acrylic
	Pigment Type	Titanium Dioxide
	Volume Solids	33.5 ± 2.0%
	Coverage per Gallon at Recommended Film Thickness	400 – 450 Sq. Ft.
	Recommended Film Thickness	– Wet 3.6 – 4.0 mils – Dry 1.2 – 1.3 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, cool temperatures and increased wet film thickness will result in longer dry and recoat times.	
	Dries By	Evaporation, Coalescence
	Viscosity	92 ± 4 KU
	Flash Point	None
	Gloss / Sheen	2 – 4 @ 85°
	Surface Temperature at Application	– Min. 50 °F – Max. 90 °F
	Thin With	Do Not Thin
	Clean Up Thinner	Clean Water
	Weight Per Gallon	10.93 lbs.
	Storage Temperature	– Min. 40 °F – Max. 90 °F
	Volatile Organic Compounds (VOC)	
	44.0 Grams/Liter 0.37 lbs./gallon	
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<b>— Tint Bases:</b> N/A		
<b>— Special Colors:</b> Contact your dealer.		
<b>Certification &amp; Qualifications:</b> <b>VOC compliant in all regulated areas</b>  ASTM D 1653; Water Vapor Permeance – 0.58 Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84 Master Painter Institute MPI # 61		
<b>Technical Assistance:</b> Available through your local authorized independent Insl-x dealer. For the location of the dealer nearest you, call 1-866-708-9180 or visit <a href="http://www.insl-x.com">www.insl-x.com</a>		

## 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. 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 wood 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. 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](http://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

## 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

**Cancer Hazard:** Contains Crystalline Silica, which can cause cancer when in the respirable form (spray mist or sanding dust).

**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:** This product can expose you to chemicals including Titanium dioxide, which are known to the State of California to cause cancer, and Ethylene glycol which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

**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**

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