



VAPOUR BARRIER PRIMER/SEALER VB-5000

Features

- Provides a Class II vapour 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 vapour 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 10 °C (50 °F)

Product Information

Colours — Standard:	Technical Data◇	White
White May be tinted with up to 60 mL of Benjamin Moore® Gennex®, Colour Preview® or universal colorant per gallon.	Vehicle Type	Styrene Butadiene Acrylic
	Pigment Type	Titanium Dioxide
	Volume Solids	33.5 ± 2.0%
— Tint Bases:	Coverage per 3.79L at Recommended Film Thickness	37.1 – 41.8 sq. m. (400 – 450 sq. ft.)
N/A	Recommended Film Thickness	– Wet 3.6 – 4.0 mils – Dry 1.2 – 1.3 mils
— Special Colours:	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.	
Contact your retailer	Dry Time @ 77 °F (25 °C) @ 50% RH	– Tack Free 1 Hour – To Recoat 2 Hours
Certifications & Qualifications:	High humidity, cool temperatures and increased wet film thickness will result in longer dry and recoat times.	
ASTM D 1653; Water Vapor Permeance – 0.58	Dries By	Evaporation, Coalescence
Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84	Viscosity	92 ± 4 KU
Master Painter Institute MPI # 61	Flash Point	None
Technical Assistance:	Gloss / Sheen	2 – 4 @ 85°
Available through your local authorized independent retailer.	Surface Temperature at Application	– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)
For the location of the retailer nearest you, call 1-866-708-9180 or visit www.insl-x.ca	Thin With	Do Not Thin
	Clean Up Thinner	Clean Water
	Weight Per Gallon	4.9 kg (10.9 lbs.)
	Storage Temperature	– Min. 4.4 °C (40 °F) – Max. 32.2 °C (90 °F)
	Volatile Organic Compounds (VOC)	
	44 g/L	

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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. 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

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.

Environmental Health & Safety Information

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
PROTECT FROM FREEZING**

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