



# Paints

## PREP & PRIME™ VAPOR BARRIER Interior Water-Based Primer Sealer 1060-1200

### SPECIFICATION DATA

A premium quality latex primer sealer and vapor barrier for interior walls and ceilings. It reduces loss of interior moisture through the walls to help maintain insulation efficiency and guard against exterior paint adhesion failures caused by condensation. Moisture and Heat Loss - Every home contains moist air (water vapor) that, in the proper proportion, provides a healthy atmosphere. But under winter conditions, when the inside/outside temperatures differ drastically, the moisture indoors passes through interior walls and condenses within the stud space as it seeks the colder exterior side. The moisture may fill the pockets or voids in insulation, increasing the flow of heat, reducing its insulation value. Insulation must be dry to function efficiently.

Keeping water vapor inside the home will help reduce heat loss and guard against moisture damage. Vapor barrier systems can help to provide this protection. Therefore, to help keep moisture inside apply PREP & PRIME Vapor Barrier Primer Sealer to interior walls and ceilings that contact the outside of any unheated areas. To be effective, a product must have a perm rating of less than 1.0, as set forth by the Federal Housing Administration Minimum Property Standards.

PREP & PRIME Vapor Barrier is specifically formulated to provide a perm rating of 0.6 when applied at a coverage rate of 400 sq ft/gal (10 m<sup>2</sup>/L) to smooth surfaces. The perm rating for PREP & PRIME Vapor Barrier Primer Sealer compares favorably with a typical 2 mil sheet of medium density polyethylene. PREP & PRIME Vapor Barrier Primer Sealer applies and cleans up with the ease of latex wall paint. It may be topcoated with latex or alkyd paints in any desired finish.

### FEATURES

- Vapor barrier
- Easy application
- Excellent enamel hold-out
- Fast drying
- High Hiding
- Easy soap and water clean-up
- Low odor
- Low VOC
- Performance alternate for Federal Paint Specification TT-P-650D

### COMPOSITION

- Styrene-Butadiene Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

### DESCRIPTION

**Color:**  
White (tintable, limit 4 oz/gal)

**Finish:**  
Flat

**Clean-up Solvent:**  
Soap and water

**Density:**  
10.5 lbs/gal (1.26 kg/L)

**VOC:**  
0.71 lbs/gal (85 g/L)

**Solids:**  
Volume - 34% ± 1%  
Weight - 48% ± 1%

**Practical Coverage:**  
Apply at 400 sq ft/gal (10 m<sup>2</sup>/L).  
Actual coverage may vary depending on substrate and application method.

**Flame Spread Rating:**  
Class A (0-25) over non-combustible surfaces

**Flash Point:**  
None

**Dry Time 77°F (25°C) & 50% RH:**  
To touch - 30-60 minutes  
To recoat - 2 hours

**Shelf Life:**  
1 year minimum - unopened

FINISHES  
PAINTING (09900)

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FINISHES  
PAINTING (09900)

## SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances.

**NEW SURFACES: Drywall** - Prime with this product.

**Concrete, Masonry and Plaster** - Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen slick poured or precast concrete and remove sealers by chemical cleaning or abrasive method such as sandsweeping. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime with this product. Fill block with PREP & PRIME BLOCK FILLER 3010 water-based block filler or BLOXFIL 4000 acrylic block filler. **Wood** - Sand smooth and dust clean. Prime with this product. **Steel** - Prime with DEVFLEX™ 4020PF water-based metal primer or DEVGUARD™ 4160 or DEVGUARD 4100 solvent-based metal primer. **Galvanized Metal and Aluminum** - Prime with this product or DEVFLEX 4020PF water-based metal primer or DEVGUARD 4160 or DEVGUARD 4120 solvent-based metal primer.

**PREVIOUSLY PAINTED SURFACES:** Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Prime bare areas with primer specified under **NEW SURFACES**. Porous flat finishes must be sealed with this paint.

**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 an 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 Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).**

## DIRECTIONS FOR USE

**TINTING:** May be tinted toward the finish coat color with up to four oz/gal of ICI Paints Colorants.

**SPREADING RATE:** Apply at 400 sq ft/gal (10 m<sup>2</sup>/L). Actual coverage may vary depending on substrate and application method.

**APPLICATION:** Mix thoroughly before use. May be applied by brush, roller or spray. No thinning required. For airless spray use a .015" tip. Adjust pressure as needed. Do not apply when the surface

or air temperature is below 50°F (10°C). Provide good ventilation and warmth for normal drying.

**DRYING TIME:** At 77°F (25°C) and 50% R.H., dries to touch in 30 to 60 minutes and to recoat in two hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

**CLEAN-UP:** Clean immediately with warm, soapy water.

## PRECAUTIONS

**WARNING! CAUSES EYE BURNS. CAUSES SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. CONTAINS MICA WHICH MAY CAUSE PNEUMOCONIOSIS. OVEREXPOSURE MAY CAUSE LIVER, KIDNEY, BLOOD DAMAGE. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. NOTICE: Products in this series may contain solvents.** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. **Products in this series may contain chemicals subject to California Proposition 65.** For emergency information call (800) 545-2643. For additional safety information, refer to the Material Safety Data Sheet for this product. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash off **quickly** with plenty of soap and water, remove contaminated clothing. For eye contact flush **immediately** with large amounts of water, for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, **obtain medical treatment immediately.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, **get medical help. KEEP FROM FREEZING. Note: These warnings encompass the product series. Prior to use, read and follow product specific MSDS and label information.**

DS66-119

## SHIPPING

**FREIGHT CLASSIFICATION:**  
Paint, Freezable

**PACKAGING:**  
1 quart (0.946 L)  
1 gallon (3.785 L)  
5 gallons (18.925 L)

**FLASH POINT:**  
None

