



Vapor Barrier Interior Primer Sealer 1060-1200

Previously ICI Paints PREP & PRIME™ VAPOR BARRIER Interior Water-Based Primer Sealer

DESCRIPTION

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 1060 Vapor Barrier Interior 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.

1060 Vapor Barrier Interior Primer Sealer is specifically formulated to provide a perm rating of 0.6 when applied at a coverage rate of 400 sq ft/gal (10 m²/L) to smooth surfaces. The perm rating for 1060 Vapor Barrier Interior Primer Sealer compares favorably with a typical 2 mil sheet of medium density polyethylene. 1060 Vapor Barrier Interior 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.

CERTIFICATIONS

AS OF 7/1/2009, COMPLIES WITH	
MPI#	61
LEED	Yes
CHPS	No
GREENGUARD	No
OTC/LADCO	Yes
CARB	Yes
SCAQMD	Yes

PERFORMANCE DATA

CHARACTERISTIC:	RESULTS:
Enamel Hold Out*	★★★★★☆☆☆☆
Adhesion to Substrate*	★★★★★☆☆☆☆
Dry Hide*	★★★★★☆☆☆☆
Sag Resistance	18-25 mils wet
Air and Substrate Application Temperature	50° F (10° C) - 90° F (32° C)
Service Temperature Limits	200° F (93° C)
Storage Temperature	40° F (4° C) - 95° F (35° C)

*Performance ratings are based on product comparisons to other products in that sheen range, performed at 77° F (25° C) 50% RH. Rating scale is from 1-10, 10 being the highest rating.

SPECIFICATION

Color:

White (tintable, limit 4 oz/gal)

Clean-up Solvent:

Soap and water

Finish: **Flat**

Density:

10.5 lbs/gal (1.26 kg/L)

Solids:

Volume - 34% +/- 1%

Weight - 48% +/- 1%

VOC:

100 g/L (0.84 lbs/gal) maximum

Refer to MSDS for regulatory VOC content of complete product line

Theoretical Coverage @ 1 mil dry:

548 sq ft/gal (13 m²/L)

Practical Coverage:

Apply at 350-400 sq ft/gal (9-10 m²/L).

Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness:

4.0 - 4.6 mils wet

1.4 - 1.6 mils dry

Airless Spray Application:

Pressure - 2000 psi

Tip - .015" - .019"

Dry Time 77° F (25° C) & 50% RH:

To touch - 30-60 minutes

To recoat - 2 hours

Flame Spread Rating:

Class A (0-25) on non-combustible surfaces

Flash Point:

None

Shelf Life:

1 year minimum - unopened

COMPOSITION

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



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9 FINISHES PAINTING (09900)



SURFACE PREPARATION

GENERAL SURFACE PREPARATION:

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

NEW SURFACES:

Drywall:

- Joint compound must dry for two days before priming
- 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 Fill concrete block with 3010 Concrete Coatings Block Filler

Wood:

- Set nails, fill with latex spackle
- Sand smooth
- Dust clean
- Prime with this product

Steel:

- Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning
- Prime with Devflex 4020PF Direct-to-Metal Primer, DEVGUARD® 4360 Low VOC Universal Primer or DEVGUARD 4160 Multi-Purpose Tank & Structural Primer

Galvanized Metal and Aluminum:

- Clean off oils and other contaminants
- Prime with 3210 GRIPPER Interior Exterior Primer Sealer, Devflex 4020PF Direct-to-Metal Primer, DEVGUARD 4360 Low VOC Universal Primer or DEVGUARD 4160 Multi-Purpose Tank & Structural 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.

DIRECTIONS FOR USE

TINTING:

May be tinted toward the finish coat color with up to four oz/gal of DRAMATONE™ colorants.

SPREADING RATE:

Apply at 350-400 sq ft/gal (9-10 m²/L). Actual coverage may vary depending on substrate and application method.

APPLICATION:

Mix thoroughly before use. May be applied by brush, roller or airless spray. No thinning required. For airless spray, use a .015"-.019" tip at 2000 psi, 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 hands and tools immediately with warm, soapy water. Clean spills right away with a damp cloth.

PRECAUTIONS

WARNING! HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. OVEREXPOSURE MAY CAUSE BLOOD, LIVER, KIDNEY DAMAGE. CONTAINS MICA WHICH MAY CAUSE PNEUMOCONIOSIS. WHEN TINTED, CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.

NOTICE: Products in this series 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. For emergency information call (800) 545-2643. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.** If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. 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:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby oil then wash again with soap and water. Repeat as needed. Remove contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes. **Get medical attention.** If swallowed, **get medical attention immediately.** If inhalation causes discomfort, remove to fresh air. If discomfort persists or breathing difficulty occurs, get medical attention. **KEEP FROM FREEZING.** DS346-0110

SHIPPING

FREIGHT CLASSIFICATION:

Paint, Freezable

PACKAGING:

1 gallon (3.785 L)
5 gallons (18.925 L)

FLASH POINT:

None

