



# Concrete Coatings Bond-Prep Pigmented Bonding Primer 3030-1200

Previously ICI Paints PREP & PRIME® BOND PREP  
Interior/Exterior Water-Based Pigmented Masonry Bonding Primer Sealer

## DESCRIPTION

Our premium quality water-based acrylic pigmented bonding primer specifically designed to seal and condition masonry surfaces. May be used on interior and exterior concrete, stucco, precast concrete, plaster, and previously painted masonry or metal surfaces. Excellent for previously painted surfaces that are worn and chalky. May be used under alkyd, latex, acrylic, or elastomeric smooth and textured finishes. Features excellent penetration and adhesion over chalky surfaces. Highly alkali resistant and may be applied to new, dry concrete or masonry surfaces with a pH up to 13.0 and prior to a 30 day cure. Not recommended over exterior wood surfaces.

## CERTIFICATIONS

AS OF 7/1/2009, COMPLIES WITH	
MPI#	3
LEED	Yes
CHPS	No
GREENGUARD	No
AIM	Yes
OTC/LADCO	Yes
CARB	Yes
SCAQMD	Yes

## PERFORMANCE DATA

CHARACTERISTIC:	RESULTS:
Enamel Hold Out*	★★★★★★☆☆☆☆
Adhesion to Substrate*	★★★★★★★☆☆☆
Dry Hide*	★★★★★★★☆☆☆
Sag Resistance	14-18 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.

## COMPOSITION

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

## SPECIFICATION

### Color:

White, (tintable, limit up to 2 oz/gal)

### Clean-up Solvent:

Soap and water

### Finish: Flat

Gloss: 1 - 5 units @ 60°

### Density:

11.09 lbs/gal (1.33 kg/L)

### Solids:

Volume - 34% +/- 1%

Weight - 51% +/- 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:

546 sq ft/gal (13 m<sup>2</sup>/L)

### Practical Coverage:

Apply at 350-450 sq ft/gal (9-11 m<sup>2</sup>/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 - 1 hour

To recoat - 4 hours

### Flame Spread Rating:

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

### Flash Point:

None

### Shelf Life:

1 year minimum - unopened



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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:

#### Concrete, Masonry and Plaster:

- Cure at least three days before painting, poured in place concrete must cure for at least seven days
- pH must be 13.0 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 3010 Concrete Coatings Block Filler, 3100 Concrete Coatings GRIPPER® Block Surfacer Interior Exterior Primer or BLOXFIL® 4000 Interior/Exterior Heavy Duty Acrylic Block Filler

### 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 or peeling paint back to sound surface by high pressure water washing (minimum 2000 psi). Scrub heavy chalk areas and overhead areas such as eaves with soap and water
- Remove all mildew by washing with a solution of 16 oz (473 mL) liquid household bleach and two oz (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water
- Rinse surfaces clean with water and allow to dry for 24 hours
- Prime with this product

**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).

## SHIPPING

### FREIGHT CLASSIFICATION:

Paint, Freezable

### PACKAGING:

1 gallon (3.785 L)  
5 gallons (18.925 L)  
55 gallons (208-175 L)

### FLASH POINT:

None

## DIRECTIONS FOR USE

### TINTING:

May be tinted with up to two oz/gal of DRAMATONE™ colorants.

### SPREADING RATE:

Apply at 350-450 sq ft/gal (9-11 m<sup>2</sup>/L). Actual coverage may vary depending on substrate and application method. For best hiding, tint primers towards finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

### APPLICATION:

Mix thoroughly before use. May be applied by brush, roller or airless spray. No thinning required. To work material in more effectively, brushing is the preferred method of application over chalky substrates. For spray application, 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) or if rain, snow or heavy dew is expected within 48 hours. Provide good ventilation and warmth for normal drying.

### DRYING TIME:

At 77°F (25°C) and 50% R.H., dries to touch in one hour and to recoat in four 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! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. POTENTIAL CANCER HAZARD. CONTAINS FORMALDEHYDE WHICH HAS BEEN SHOWN TO CAUSE UPPER RESPIRATORY TRACT CANCER AND ALLERGIC RESPIRATORY REACTION. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF SWALLOWED. 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.** 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, 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.** DS124-0806



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