



Fill & Seal Primer Sealer 1070-1200

Previously ICI Paints PREP & PRIME™ FILL & SEAL
Equalizing Interior Water-Based Primer Sealer

DESCRIPTION

Our premium quality latex wall surfacer and equalizer for use under latex or alkyd paints on properly prepared new or previously painted drywall and interior masonry surfaces. **GLIDDEN PROFESSIONAL™** Fill & Seal Primer Sealer is a specifically formulated 'two-in-one' interior coating to prime, cover and fill the differences between the texture variations of gypsum board paper and joint compound finishes. It replaces the two-step finishing process of joint compound skim coating the entire surface and pre-paint priming. It adds a slight texture to drywall surfaces that helps to equalize the rough, uneven and minor surface imperfections found in new construction, ensuring the finish paint coat will look its best. Forms a tight dry fill with excellent holdout characteristic that delivers a uniform sheen and appearance of the finished decorative paint coat. Ideal for use on interior new construction drywall, existing drywall, or interior concrete surfaces in residential construction and commercial structures such as houses, schools, offices, hotels and hospitals. If used under wallpaper, a wallpaper primer or size should also be used.

CERTIFICATIONS

AS OF 7/1/2009, COMPLIES WITH	
MPI#	N/A
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*	★★★★★★★★☆☆
Hiding*	★★★★☆☆☆☆
Sag Resistance	8 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

- Vinyl-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

Density:

11.48 lbs/gal (1.38 kg/L)

Solids:

Volume - 23% +/- 1%

Weight - 49% +/- 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:

369 sq ft/gal (9 m²/L)

Practical Coverage:

Apply at 300-500 sq ft/gal (7-12 m²/L).
Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness:

3.2 - 5.3 mils wet
0.74 - 1.2 mils dry

Airless Spray Application:

Pressure - 1700-2200 psi

Tip - .019" to .021"

Remove all in-line filters and use a 3/8" material hose

Dry Time 77°F (25°C) & 50% RH:

To touch – 30 minutes

To sand or recoat – 2 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 paint ready. Wall surfaces must be free of dust, oil, grease, dirt, rust, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances that could interfere with the bonding characteristics of 1070 Fill & Seal Primer Sealer. Repair any significant voids, cracks, irregularities and fastener holes before using 1070 Fill & Seal Primer Sealer.

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 or 3030 Concrete Coatings BOND-PREP™ Pigmented Bonding Primer
- Fill concrete block with 3010 Concrete Coatings Block Filler or 3100 Concrete Coatings GRIPPER® Block Surfacer Interior Exterior Primer water based block filler
- Prime plaster with 3210 GRIPPER Interior Exterior Primer Sealer

Steel-exposed nail/screw heads:

- Prime with Devflex 4020PF Direct-to-Metal Primer, DEVGUARD® 4360 Low VOC Universal Primer or DEVGUARD 4160 Multi-Purpose Tank & Structural Primer

Galvanized Metal Corner Beads:

- 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 appropriate primer

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 300-500 sq ft/gal (7-12 m²/L). Actual coverage may vary depending on method of application, substrate, technique of the applicator and ASTM C-840 finish level desired. A test application is recommended to determine actual coverage under specific job and board conditions.

APPLICATION:

Mix thoroughly before use. May be applied by brush, roller or airless spray at package consistency. No thinning required. Airless spray unit should be capable of delivering more than 3/4 gallon per minute. Remove all in-line filters. Use a 3/8" material hose and a .019" to .021" tip at 1700-2200 psi. Always work to a wet edge. Varying orifice size, pressure and technique will have an effect on spreading rates. Best results by roller are achieved using a 1/8" to 1/4" high quality nap roller designed for smooth surfaces. 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 one-half to one hour 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! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. 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. 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.** DS297-0110

SHIPPING

FREIGHT CLASSIFICATION:

Paint, Freezable

PACKAGING:

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

FLASH POINT:

None



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LIMITATION OF LIABILITY To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any, is limited to replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.