HYDROSEALER
Primer Sealer
6001-XXXX

Previously ICI Paints PREP & PRIME® HYDROSEALER
Waterborne Multi Purpose Primer Sealer

DESCRIPTION

A revolutionary acrylic bonding primer designed to provide excellent adhesion to smooth masonry surfaces. **GLIDDEN PROFESSIONAL™** Hydrosealer Primer Sealer also binds chalky and worn surfaces, provides a mildew resistant coating and resists checking and cracking over bare exterior masonry, stucco, plywood, pine, cedar and redwood. GLIDDEN PROFESSIONAL Hydrosealer Primer Sealer resists tannin-wood bleed, nail head rust and pine sap stains from leaching up into the topcoat. Dries fast, hides and levels well and applies easily. 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. Applies at temperatures as low as 35ºF. This paint contains a preservative which inhibits the growth of mildew on the surface of this paint film.

CERTIFICATIONS

AS OF 7/1/2009, COMPLIES WITH	
MPI#	6
LEED	Not Applicable
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	14-18 mils wet
Air and Substrate Application Temperature	35ºF (2ºC) - 90º F (32º C)
Service Temperature Limits	200º F (93º C)
Storage Temperature	40ºF (4ºC) - 95º F (35º C)

*Findings based on internal product comparisons performed at 77º F (25º C) 50% RH. Results rating scale from 1-10, 10 being the highest rating.

COMPOSITION

- 100% Acrylic Resin for superior performance and durability
- No Alkyd or Vinyl-Acrylic Resins
- High Levels of Titanium Dioxide
- Not manufactured with lead or mercury containing materials.

SPECIFICATION

Color:
White, tintable up to 4 oz per gallon

Clean-up Solvent:
Soap and water

Finish: Non-Flat
Gloss: 8 - 15 units @ 60º

Density:
10.2 lbs/gal (1.22 kg/L)

Solids:
Volume - 36% +/- 1%
Weight - 47% +/- 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:
570 sq ft/gal (14 m^2/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 - 1.7 mils dry

Airless Spray Application:
Pressure - 2000 psi
Tip - .015" - .019"

Dry Times:
77°F (25°C) & 50% RH
To touch - 30 minutes
To recoat - 1 hour
35°F (2°C)
To touch - 3-6 hours
To recoat - 24 hours

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

Flash Point:
None

Shelf Life:
1 year minimum - unopened

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 and Masonry:

- 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 concrete block with 3010 Concrete Coatings Block Filler or BLOXFIL® 4000 Interior/Exterior Heavy Duty Acrylic Block Filler

Fiber Cement Board:

- Prime entire surface and all edges with this product
- Caulk with an acrylic caulk

Wood:

- Spot prime pine knots with this product
- Countersink nails, prime entire surface with this product
- Slight discoloration on staining woods such as redwood or cedar is normal
- If discoloration is considerable, apply a second coat of this product or for improved protection prime with 2110 Stain Stomper Exterior Primer Sealer
- Caulk with an acrylic caulk

Preprimed and Unprimed Hardboard:

- Prime entire surface and all edges with this product or 2110 Stain Stomper Exterior Primer Sealer
- Caulk with an acrylic caulk

Steel:

- Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning
- Clean off oils and other contaminants
- 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 bare galvanized metal and aluminum with this product

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
- 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 bare areas with primer specified under **NEW SURFACES**
- **Weathered Aluminum and Vinyl Siding** - Remove dirt and chalk
- Prime with this product
- Do not repaint vinyl siding with colors darker than the original color; the siding may warp

SURFACE PREPARATION - con't

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 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. For best hiding, tint primers towards finish coat color. Certain colors such as yellow, orange and pink may require multiple coats.

APPLICATION:

Mix thoroughly before use. May be applied by brush, roller or airless spray. No thinning required. For airless spray application, use a .015"-.019" tip at 2000 psi, adjust pressure as needed. Establish that air, surface and material temperatures are above 35ºF (2ºC) and at least 5ºF above the dew point prior to painting. Do not apply at temperatures below 35ºF or when temperatures are expected to drop below 35ºF within 48 hours of application. Do not apply if rain, snow or heavy dew is expected within 48 hours. On large expanses of metal, temperatures must be 50ºF (10ºC) or higher.

DRYING TIME:

At 77ºF (25ºC) and 50% R.H., dries to touch in 30 minutes and to recoat in one hour. At 35ºF (2ºC), dries to touch in three to six hours and to recoat in 24 hours. 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. HARMFUL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. POTENTIAL CANCER HAZARD. CONTAINS FORMALDEHYDE WHICH HAS BEEN SHOWN TO CAUSE UPPER RESPIRATORY TRACT CANCER AND ALLERGIC RESPIRATORY REACTION. MAY CAUSE ALLERGIC SKIN REACTION. CONTAINS MICA WHICH MAY CAUSE PNEUMOCONIOSIS. 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 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**: In case of skin contact, wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin, then wash again with soap and water. Repeated applications may be needed. 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.**

DS128-1003

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.