



Concrete Coatings Concrete Stain 3610-XXXX

Previously ICI Paints GROUNDWORKS™
Water-Based Acrylic Concrete Stain

DESCRIPTION

An acrylic water-based stain formulated for use on horizontal and vertical painted or unpainted concrete and aged asphalt surfaces such as driveways, garage floors, patios, walkways, decks, pool decks and sidewalks. Highlights the natural texture of masonry surfaces. The tough acrylic binder provides a durable low sheen satin finish for all types of interior and exterior masonry surfaces. Not recommended for wood surfaces or over polyurethane, epoxy coatings.

CERTIFICATIONS

AS OF 7/1/2009, COMPLIES WITH	
MPI#	58
LEED	No
CHPS	No
GREENGUARD	No
AIM	Yes
OTC/LADCO	Yes
CARB	Yes
SCAQMD	No

PERFORMANCE DATA

CHARACTERISTIC:	RESULTS:
Adhesion*	★★★★★★★☆☆
Moisture Resistance*	★★★★★★★☆☆
Abrasion Resistance*	★★★★★★★☆☆
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

- 100% Acrylic Resin
- Not manufactured with lead or mercury containing materials.

SPECIFICATION

Color:

Custom colors

Clean-up Solvent:

Soap and water

Finish: Satin

Gloss: 72 units maximum @ 60°

Density:

10.6 lbs/gal (1.27 kg/L)

Solids:

Volume - 25% +/- 2%

Weight - 34% +/- 2%

VOC:

250 g/L (2.08 lbs/gal) maximum
Refer to MSDS for regulatory VOC content of complete product line

Theoretical Coverage @ 1 mil dry:

400 sq ft/gal (10 m²/L)

Practical Coverage:

Apply at 200-300 sq ft/gal (5-7 m²/L).
Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness:

5.3 - 8.0 mils wet

1.3 - 2.0 mils dry

Airless Spray Application:

Pressure - 2000 psi

Tip - .015" - .017"

Dry Time 77°F (25°C) & 50% RH:

To touch: 1/2-1 hour

To recoat: 1-2 hours

To light foot traffic: 3-4 hours

To vehicular traffic: 72 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, paint and other foreign substances.

NEW MASONRY SURFACES:

Concrete and CMU:

- 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
- Stain with this product or use as a first coat, thinned with one pint of clean water to one gallon of stain
- Denser concrete may require the use of 3111 Concrete Coatings Bond Enhancer to achieve maximum adhesion

Aged Asphalt Driveways:

- Remove loose aggregate
- Stain with this product

PREVIOUSLY PAINTED MASONRY SURFACES:

- Wash to remove contaminants
- Rinse thoroughly with water and allow to dry
- Remove 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 thoroughly with water and let dry for 24 hours before staining
- Dull glossy areas by light sanding
- Remove sanding dust. Remove loose paint
- Treat bare areas as under **NEW MASONRY SURFACES**. Product may not be suitable for use over some finishes such as polyurethane or epoxy coatings.
- Apply a test area over these finishes and check for adhesion after 48 hours

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.

SHIPPING

FREIGHT CLASSIFICATION:

Paint, Freezable

PACKAGING:

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

FLASH POINT:

None

DIRECTIONS FOR USE

TINTING:

Tint only the bases with DRAMATONE™ colorants. Before applying this stain, apply a test sample to check color.

SPREADING RATE:

Apply at 200-300 sq ft/gal (5-7 m²/L). Varies depending on type of surface and porosity.

APPLICATION:

Mix thoroughly and stir frequently while using. Apply by brush, roller or spray. Best results obtained using a ½" nap polyester roller cover. For airless spray application, use a .015"-.017" tip at 2000 psi, adjust pressure as needed. Always keep a wet edge to avoid lap marks. AVOID HEAVY APPLICATIONS OR PUDDLING ON HORIZONTAL SURFACES. REMOVE EXCESS BEFORE DRYING. Product must soak into the surface to be effective. Test a small area. If it soaks in, product can be applied. 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. Do not apply to an excessively hot surface, which may result in rapid drying and poor surface penetration. **CAUTION: Surfaces coated with this product may become slippery when wet.** For additional slip resistance in areas of pedestrian traffic, add 3001 Concrete Coatings Slip Resistant Additive at 0.18 lbs (2.9 oz) per gallon or 0.88 lbs (14 oz) per five gallons of product.

DRYING TIME:

At 77°F (25°C) and 50% R.H., dries to touch in one-half to one hour and to recoat in one to two hours. Dries to light foot traffic in three to four hours and to vehicular traffic in 72 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. HARMFUL IF SWALLOWED. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. OVEREXPOSURE MAY CAUSE LIVER, KIDNEY, LUNG DAMAGE. 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, 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.**

DS370-0210



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