



Concrete Coatings Clear Urethane Acrylic Sealer 3218-XXXX

Previously ICI Paints GROUNDWORKS™
Water-Based Clear Urethane-Acrylic Concrete Sealer

DESCRIPTION

A water-based clear urethane-acrylic sealer formulated for use on horizontal painted or unpainted concrete. Use as a clear sealer in warehouses, light industrial, residential and commercial garages, and concrete floor surfaces. Provides a durable, clear high gloss protective coating for both interior and exterior applications which is non-yellowing, washable, impact and stain resistant.

CERTIFICATIONS

AS OF 7/1/2009, COMPLIES WITH	
MPI#	N/A
LEED	No
CHPS	No
GREENGUARD	No
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

- Aliphatic Urethane/Acrylic Co-Polymer
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

SPECIFICATION

Color:
Clear

Clean-up Solvent:
Soap and water

Finish: **Gloss**
Gloss: 85 units maximum @ 60°

Density:
8.5 lbs/gal (1.02 kg/L)

Solids:
Volume - 31% +/- 2%
Weight - 33% +/- 2%

VOC:
400 g/L (3.33 lbs/gal) maximum
Refer to MSDS for regulatory VOC content of complete product line

Theoretical Coverage @ 1 mil dry:
500 sq ft/gal (12 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
1.0 - 1.6 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 SURFACES:

Concrete:

- 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
- Apply two to three thin coats, depending on gloss level desired

PREVIOUSLY PAINTED 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 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:

Do not tint.

SPREADING RATE:

Apply at 300-500 sq ft/gal (7-12 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.** Apply in two to three thin coats depending on surface being coated and gloss level desired. 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 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. MAY BE HARMFUL IF SWALLOWED. OVEREXPOSURE MAY CAUSE BLOOD, LIVER, KIDNEY DAMAGE. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. NOTICE: This product contains 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.FREEZING.** DS369-0110



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