



# Concrete Coatings Siliconized Acrylic Sealer 3710-XXXX

Previously ICI Paints GROUNDWORKS™  
Solvent-Based Silicon Acrylic Concrete Sealer

## DESCRIPTION

A siliconized acrylic solvent-based stain formulated for use on horizontal and vertical unpainted concrete and masonry surfaces such as driveways, garage floors, patios, walkways, decks, pool decks CMU, tilt-up and sidewalks. Highlights the natural texture of masonry surfaces. Provides a durable, hard decorative finish that is highly wear resistant. Not recommended for previously painted or wood surfaces.

## CERTIFICATIONS

AS OF 7/1/2009, COMPLIES WITH	
MPI#	58
LEED	No
CHPS	No
GREENGUARD	No
AIM	No
OTC/LADCO	No
CARB	No
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) - 90° F (32° 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

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

## SPECIFICATION

### Color:

White, ready mix & custom colors

### Clean-up Solvent:

Xylene

### Finish: Low Lustre

Gloss: 35 units maximum @ 60°

### Density:

9.65 lbs/gal (1.16 kg/L)

### Solids:

Volume - 31% +/- 1%

Weight - 50% +/- 1%

### VOC:

600 g/L (4.99 lbs/gal) maximum  
Refer to MSDS for regulatory VOC content of complete product line

### Theoretical Coverage @ 1 mil dry:

500 sq ft/gal (12 m<sup>2</sup>/L)

### Practical Coverage:

Apply at 200-300 sq ft/gal (5-7 m<sup>2</sup>/L).  
Actual coverage may vary depending on substrate and application method.

### Recommended Film Thickness:

5.3 - 8.0 mils wet

1.6 - 2.5 mils dry

### Airless Spray Application:

Pressure - 2000 psi

Tip - .015" - .017"

### Dry Time 77°F (25°C) & 50% RH:

To touch: 30 min.

To recoat: 3-4 hours

To light foot traffic: 5 hours

To vehicular traffic: 72 hours

### Flame Spread Rating:

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

### Flash Point:

95° F (35° C)

### Shelf Life:

1 year minimum - unopened



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9 FINISHES  
PAINTING (09900)

**DANGER! FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL.**

Read Label and Material Safety Data Sheet Prior to Use. See other cautions on last page. DSF11-0400



## 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:

- 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

**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, 3, UN1263, PGIII

### PACKAGING:

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

### FLASH POINT:

95° F (35° C)

## DIRECTIONS FOR USE

### TINTING:

Tint only the bases with IM 844 Colorants. Before applying this stain, apply a test sample to check color.

### SPREADING RATE:

Apply at 200-300 sq ft/gal (5-7 m<sup>2</sup>/L). Varies depending on type of surface and porosity.

### APPLICATION:

Mix thoroughly and stir frequently while using. Apply by brush, roller or airless 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 product in thin coats for best results. Do not apply when 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 hour and to recoat in three to four hours. Dries to light foot traffic in five hours and to vehicular traffic in 72 hours. Low temperature or high humidity will increase these times.

### CLEAN-UP:

Clean tools immediately with xylene. Clean spills right away with a damp cloth.

## PRECAUTIONS

**DANGER! FLAMMABLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD - CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. OVEREXPOSURE MAY CAUSE BLOOD, LIVER, KIDNEY DAMAGE. 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.** Keep away from heat, sparks and flame. Do not smoke. Vapors may ignite. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. 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.** DS154-0806



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