



Concrete Coatings Bond Enhancer 3111-XXXX

Previously ICI Paints GROUNDWORKS™
Bond Enhancer

DESCRIPTION

A solvent-based modified epoxy multi-purpose bonding coat specially designed to prepare steel troweled smooth concrete surfaces such as garage floors and carports before coating with water-based floor enamels or stains. Provides excellent adhesion to dense, slick surfaces. May be topcoated in as little as eight hours. Also seals previously painted surfaces that have become chalky over time. Not recommended for use on asphalt surfaces.

CERTIFICATIONS

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

PERFORMANCE DATA

CHARACTERISTIC:	RESULTS:
Adhesion*	★★★★★★★★★★
Moisture Resistance*	★★★★★★★★★★
Air and Substrate Application Temperature	50° F (10° C) - 75° F (24° C)
Service Temperature Limits	200° F (93° C)
Storage Temperature	40° F (4° C) - 75° F (24° 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

- Epoxy Ester
- Not manufactured with lead or mercury containing materials.

SPECIFICATION

Color:

Amber, do not top coat with clear

Clean-up Solvent:

Mineral Spirits

Finish: Flat

Density:

8.0 lbs/gal (0.96 kg/L)

Solids:

Volume - 25% +/- 2%

Weight - 40% +/- 2%

VOC:

566 g/L (4.73 lbs/gal)

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 200-400 sq ft/gal (7-10 m²/L).

Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness:

4.0 - 8.0 mils wet

1.0 - 2.0 mils dry

Airless Spray Application:

Pressure - 2000 psi

Tip - .015" - .017"

Dry Time 77°F (25°C) & 50% RH:

To touch - 2-4 hours

To recoat - 6-8 hours

Flame Spread Rating:

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

Flash Point:

80° F (27° C)

Shelf Life:

1 year minimum - unopened



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9 FINISHES PAINTING (09900)

DANGER! FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED.

Read label and Material Safety Data Sheet Prior to Use. See other cautions on last page. DSF3-0696



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 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
- Prime with this product

PREVIOUSLY PAINTED MASONRY SURFACES:

- Wash to remove contaminants
- Rinse thoroughly with water and allow to dry
- Dull glossy areas by light sanding
- Remove sanding dust
- Remove loose or peeling paint back to sound surface
- Scrub heavy chalk areas 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 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.

SHIPPING

FREIGHT CLASSIFICATION:

Paint, 3, UN1263, PGIII

PACKAGING:

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

FLASH POINT:

80° F (27° C)

DIRECTIONS FOR USE

TINTING:

Do not tint.

SPREADING RATE:

Apply at 200-400 sq ft/gal (5-10 m²/L). Actual coverage may vary depending on substrate and application method.

APPLICATION:

Mix thoroughly before use. May be applied by brush, roller or airless spray. Do not thin. To work material in more effectively, brushing is the preferred method of application over chalky substrates. For airless spray application, use a .015"-.017" tip at 2000 psi, adjust pressure as needed. Do not apply when the surface or air temperature is below 50°F (10°C) or if rain, snow heavy dew is expected within 48 hours.

DRYING TIME:

At 77°F (25°C) and 50% R.H., dries to touch in two to four hours and to recoat in six to eight hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

CLEAN-UP:

Clean tools immediately with mineral spirits. 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 LIVER, KIDNEY DAMAGE. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. 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.** DS76-0507



Akzo Nobel Paints LLC, Strongsville, Ohio 44136



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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.