



# Roof Coating Acrylic Copolymer Exterior Flat Paint 2071-XXXX

Previously ICI Paints Roof Coating Acrylic Copolymer Elastomeric Exterior Flat

## DESCRIPTION

An acrylic copolymer coating specifically formulated to form a flexible membrane that protects against ultraviolet radiation from the sun. Primarily used as a topcoat for urethane foam roof systems to provide a durable, highly reflective insulative coating. While not intended as a roof replacement, it provides superior protection to built-up and gravel roof systems. May also be used on metal, wood, concrete and other masonry surfaces.

## CERTIFICATIONS

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



2071-XXXX ROOF COATING  
R1616 CEMENTS AND COATINGS FOR ROOFING SYSTEMS AS TO EXTERNAL FIRE EXPOSURE 57TK

## COMPOSITION

- Acrylic Copolymer Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

## PERFORMANCE DATA

Property	Test Method	Results
Elongation	ASTM D 562	1150%
Tensile Strength	ASTM D 2370	252 psi
Permeability	ASTM D 1653	4.23 perms
Adhesion to Polyurethane Foam	ASTM D 903	0.242 pli

## SPECIFICATION

Color:  
White (tintable, limit 1 oz/gal)

Clean-up Solvent:  
Soap and water

Finish: **Flat**

Density:  
11.68 lbs/gal (1.40 kg/L)

Solids:  
Volume - 52% +/- 1%  
Weight - 66% +/- 1%

VOC:  
50 g/L (0.42 lbs/gal) maximum  
Refer to MSDS for regulatory VOC content of complete product line

Theoretical Coverage @ 1 mil dry:  
838 sq ft/gal (20 m<sup>2</sup>/L)

Practical Coverage:  
Apply at 1-1/3 gallons per square or 75 sq ft/gal (1.8 m<sup>2</sup>/L). Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness:  
21 mils wet  
11 mils dry

Airless Spray Application:  
Pressure - Use a 30:1 pump and heavy duty gun  
Tip - .021-.029" reverse-a-clean tip

Dry Time 77°F (25°C) & 50% RH:  
To touch - 2 hours  
To recoat - 8 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 (099900)



## SURFACE PREPARATION

### GENERAL SURFACE PREPARATION:

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint, rust scale and other foreign substances that may impair adhesion.

### NEW SURFACES:

#### Foam Roofs:

- Must be smooth with no pinholes, ridges, edges or other substandard conditions which might prevent good drainage

#### Gravel Roofs:

- Must be sound and in good repair
- Slag or loose gravel should be removed

#### Metal Roofs:

- Prime with Devflex 4020PF Direct-to-Metal Primer

#### Concrete and Masonry:

- Prime with 3030 Concrete Coatings Bond-Prep Pigmented Bonding Primer
- Product may be used self-priming on concrete, used as a primer under itself

#### Wood:

- Prime with 6001 Hydrosealer Exterior Primer

### 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 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**

**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, Freezable

### PACKAGING:

5 gallons (18.925 L)

### FLASH POINT:

None

## DIRECTIONS FOR USE

### TINTING:

White may be tinted with up to one oz/gal of DRAMATONE™ colorants.

### SPREADING RATE:

Apply at 1-1/3 gallons per square or 75 sq ft/gal (1.8 m<sup>2</sup>/L), resulting in 11 mils dry (21 mils wet) per coat. Actual coverage may vary depending on substrate and application method.

### APPLICATION:

Mix thoroughly before use. No thinning required. Preferred method of application is by airless spray. Use a 30:1 pump and heavy duty gun with a .021-.029" reverse-a-clean tip. Adjust pressure as needed. When used as a roof system apply two coats in a cross hatch pattern, resulting in a total dry film thickness of 22 mils. May also be applied by brush or roller. 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.

### DRYING TIME:

At 77°F (25°C) and 50% R.H., dries to touch in two hours and to recoat in eight 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! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. CONTAINS MICA WHICH MAY CAUSE PNEUMOCONIOSIS. MAY BE HARMFUL IF SWALLOWED. 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.** 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 the 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.**

DS111-0406



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