



# 2.04 XPERT CURE AC & AC-2

## Acrylic Based Membrane Curing Compound

### PRODUCT DESCRIPTION

XPERT CURE AC is a VOC-compliant, ready to use, membrane forming, Acrylic Based Polymers concrete curing agent that cures the concrete by forming a barrier against moisture loss without staining concrete surfaces. It is a spray able liquid that offers maximum water retention performance. XPERT CURE AC-2 is an opaque, white pigmented membrane for use primarily on exterior concrete pavements. XPERT CURE AC is effective on either vertical or horizontal surfaces. This product complies with Federal Air Quality Regulation 40 CFR 52.254.

Basic Use: XPERT CURE AC is an effective, economical curing compound that should be used only on surfaces in areas where subsequent coatings or toppings are NOT planned. XPERT CURE AC-2 is best used where maximum curing and sunlight reflectance are required, such as state highways, DOT's, city and county roads, bridge decks, dams, and curb and gutter work.

### FEATURES & BENEFITS

- Good moisture retention properties
- Very low odor for interior applications.
- Recommended for exterior pavements.
- Water-borne, VOC compliant.

### ESTIMATING

This product is available in 5-gallon (18.9-liter) and 55-gallon (208-liter) containers. Each container is clearly identified with product name and batch code.

Coverage Rate:

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Surface porosity determines coverage rate. For best

### results, we recommend:

- Broom finishes - 200 ft<sup>2</sup> /gallon (5 m<sup>2</sup> /liter)
- Steel troweled - 300 ft<sup>2</sup> /gallon (7.5 m<sup>2</sup> /liter)

### TECHNICAL DATA

XPERT CURE AC: ASTM-C-309, Type 1 and 1D, Class A AASHTO M-148, Type 1, Class A VOC compliant.

XPERT CURE AC-2: ASTM-C-309, Type 2, Class A AASHTO M-148, Type 2, Class A VOC compliant

XPERT CURE AC and AC-2 are water-borne, VOC compliant curing compounds for concrete surfaces.

Typical XPERT CURE AC and AC-2 properties are:

CATEGORY	XPERT CURE AC	XPERT CURE AC-2
Color	Clear*	White
Specific Gravity	0.980	0.98 – 1.01
Moisture Loss @ 200 ft gal (5 m /liter) 3 days kg/m	<50	<50 <sup>2</sup>
Reflectance	N/A	60+
Dry Time, hours	<4	<4
VOC, grams/liter	95	95
VOC, lbs. /gallon	0.8	0.8

\* XPERT CURE AC is a milky white emulsion that dries clear. Also available with red fugitive dye.

### INSTALLATION

Application: Uniformly apply to fresh concrete surfaces after final troweling when surface water has disappeared. Stir well before using to insure uniform consistency. Uniformly apply directly to the concrete surfaces by spray or roller at the rate specified. When in an enclosed, highly humid, unvented area, apply after surface bleed water disappears. Do not puddle. Do not dilute.

Clean-up: Prior to product drying, clean up equipment using mild soap and warm water. After the product has cured, flush equipment with mineral spirits or hot water. Containers are to be kept tightly sealed. Store above 40°F. (4°C). Stir well before using as some sediment will occur during storage. Shelf life is one year in factory-sealed.

### OVERCOATING AND REMOVAL

It is not necessary to remove XPERT CURE AC prior to the application of coating, plastering, rendering, tiles fixing etc.

### FOR BEST RESULTS:

Do not use where subsequent toppings are to be applied. For placement above 40°F. (4°C). Apply only to frost.

### PRECAUTIONS

Wear protective goggles. Keep from freezing. Store above 40°F. (4°C). Stir well before using. Please refer to Product Material Safety Data Sheet (MSDS) before using.

### STORAGE/SHELF LIFE

XPERT CURE AC and XPERT CURE AC-2 containers when stored properly.