Technical Data Sheet

ACRA-CURE-W 15

WATER BASED SILOXANE MODIFIED CONCRETE CURING COMPOUND

Acra-Cure-W 15 is a non-yellowing, low sheen, siloxane modified water based acrylic with a low viscosity for better penetration on concrete substrates. Acra-Cure-W 15's unique chemical reactive formulation provides superior resistance to deicing road salts, salt water pool systems, rain, sleet and snow compared to standard water based sealers used to protect interior and exterior concrete.

Specifications / Compliances

- ASTM C-309, Type 1, Class A & B
- Dried coating is USDA accepted
- AASHTO M-148, Type 1, Class A & B
- Meets OTC, CARB & LADCO VOC restrictions.

Typical Properties &Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	15% +/- 1%
Dry Time - Tack Free	1 - 2 hours
Dry Time - Foot Traffic	4 - 6 hours
Dry Time - Heavy Traffic	24 hours - 48 hours
Re-Coat Time Window	4 - 24 hours
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	Less than 100 grams/Liter
Appearance - Wet	Milky White
Appearance - Dry	Clear and Satin Gloss

Information above is based on lab temperatures of 70° - 72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use!

ALWAYS REFER TO SDS & READ FULL TECH DATA SHEET AND WARRANTY INFORMATION PRIOR TO USE.

LOW VOC PRODUCT

KEY FEATURES & TYPICAL BENEFITS

- Minimizes damage due to water and salt water from deicing road salts and salt water pool systems.
- Excellent penetration and adhesion to clean, unsealed new or old concrete.
- Non-Yellowing tough Siloxane Modified Water Based Acrylic.
- Low VOC level and being nearly odor free allow for use inside occupied buildings.
- VOC compliant for most areas in the United States and Canada.

RECOMMENDED APPLICATIONS

Effective on applications such as...

- Concrete Pool Decks
- Stamped & Stenciled Concrete
- Acid Stained Concrete
- Overlaid/Microtopped Concrete
- Exposed Aggregate Concrete
- Smooth Trowel Concrete
- Broom Finish Concrete
- Most other new or existing concrete surfaces where water and salt damaged resistance is required.

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APPLICATION INSTRUCTIONS

SURFACE PREP: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the product may have white spots and have premature delamination and failure. May be applied when damp (not "wet") to freshly placed concrete surfaces as a curing compound. Horizontal surfaces must be finished and show no "sheen" from bleed water.

Substrate and air temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the product may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing. Note that in direct sunlight, substrate temperature can exceed 150° F which can cause extreme bubbling issues. This product dries faster than traditional 700 VOC products. Apply on cool, overcast days to avoid issues. Do not apply if the temperature is expected to achieve 85° F or higher.

MIXING: Stir well before using. Material may separate during long term storage.

COVERAGE RATE: *First Coat* : 200 - 300 ft² per gallon* *Optional Second Coat* : 300 - 400 ft² per gallon*
*Coverage rates may vary depending upon surface porosity, texture, application method and prior product application. Excessive build up should be avoided.

APPLICATION: Apply using an 3/8" long nap roller cover using long even uniform strokes at approximately COVERAGE RATE: *First Coat* : 200 - 300 ft² per gallon* *Optional Second Coat* : 300 - 400 ft² per gallon*
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APPLICATION: Apply using an 3/8" long nap roller cover using long even uniform strokes at approximately 200-400 square feet per gallon depending on job requirements, porosity and texture of substrate. An airless sprayer containing a .519 tip size may be used as well. Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause product to prematurely delaminate, flake or wear away. Allow to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats. FOR PERSONAL PROTECTION USE GLOVES, GOGGLES, AND RESPIRATORS. An airless sprayer containing a .519 tip size may be used as well. Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause product to prematurely delaminate, flake or wear away. Allow product to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats. FOR PERSONAL PROTECTION USE GLOVES, GOGGLES, AND RESPIRATORS.

When using as a curing compound, apply only one coat to meet specifications. Extreme bubbling and/or hazing may occur due to lack of permeability.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture, etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited. DO NOT USE ON BRICK.

Precautions and Limitations

- This product will not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- If using indoor, use proper ventilation while applying and for hours after application to ensure fumes are removed.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product performs best when applied as one or two medium-light coats, not one heavy coat.
- Please be aware that this product when cured may be slippery when wet. An anti-slip additive, such as Grip-Tite, can be added to reduce slip hazards.
- This product is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin product. Improper thinning may cause product to delaminate in a short time frame.
- This product may darken the surface of many new and existing concrete slabs. Test prior to use.
- SOLVENT VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE, OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

CLEAN-UP: Use xylene. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Dried, cured product may be removed with a commercial paint stripper, such as *Wax-Off* or by using a diamond grinding method, sandblasting method or similar mechanical action.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 1 gallon, 5 gallon and 55 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.