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(Supersedes June 2017)

## DECRA-SEAL™ 100

Non-Yellowing, Acrylic Curing and Sealing Compound for Concrete and Decorative Concrete

### DESCRIPTION

DECRA-SEAL 100 is a premium-grade, non-yellowing, acrylic curing and sealing compound for plain gray and decorative concrete. The product is clear, transparent, and easy to apply. DECRA-SEAL 100 forms a premium-grade acrylic film for optimum moisture retention in freshly placed concrete. The high solids, non-yellowing, acrylic film seals and truly enhances the beauty of both plain gray and decorative concrete. This product has been formulated to cure, seal, and protect concrete by producing a hard, yet flexible, clear film.

### USES

DECRA-SEAL 100 is designed for various exterior concrete applications, including exterior concrete surfaces, sidewalks, driveways, patios, exposed aggregate, as well as any exterior surface where protection and sealing of concrete is desired. The use of DECRA-SEAL 100 on any exterior concrete surface provides a durable, long-lasting, high-sheen finish.

### FEATURES/BENEFITS

- Seals concrete surfaces, providing a glossy, long-lasting appearance and easier cleanup.
- Provides a totally clear membrane that will not yellow for new or existing concrete.
- Provides good blush resistance in damp areas.
- Applies easily ... dries to the touch in 30 - 60 minutes.
- Breathable film - allows moisture in cured concrete to evaporate.
- Provides a clear, tough film that improves abrasion- and stain-resistance.
- Seals and enhances the beauty of many concrete surfaces.
- Can be recoated after thorough surface cleaning to restore original beauty.
- VOC compliant.
- Formulated to resist bubbling.
- Formulated to resist spider webbing.

### PACKAGING

1 Gallon (3.78 L) Cans (4 per Carton)  
5 Gallon (18.9 L) Pails

### COVERAGE

300 - 600 ft.<sup>2</sup>/gal. (7.36 - 14.73 m<sup>2</sup>/L). Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application.

### SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F, optimum performance and best use is obtained within two years of date of manufacture.

### SPECIFICATIONS

- ASTM C309, Type 1, Class A & B
- ASTM C1315, Type I, Class A
- AASHTO M 148, Type 1, Class A & B
- Complies with National VOC Emission Standard for Architectural Coatings, OTC Phase I and Phase II, LADCO, and Utah Department of Environmental Quality R307 maximum allowable VOC requirements.

### TECHNICAL DATA

VOC Content	99 g/L
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### APPLICATION SURFACE PREPARATION

**Fresh (New) Concrete** ... Apply as soon as all surface water has disappeared and the concrete surface will not be marred by walking workers.

**Existing (Old) Concrete** ... Concrete surface must be clean and dry with all stains, oil, grease, dust, dirt, and curing compounds removed prior to application.

**Application Method**... Use a sprayer or short-nap roller to apply a uniform film. A standard industrial-grade sprayer, such as a Chapin 19069, with a fan spray pattern nozzle that produces a flow of 0.2 GPM (0.76 LPM) under 40 psi (0.276 MPa) of pressure (or equivalent) is recommended. Apply over the entire surface; avoid puddling in low areas. If puddles occur, brush or roll them out. Two thin applications at 600 ft.<sup>2</sup>/gal. (14.73 m<sup>2</sup>/L) are recommended. Surface temperature

**CONTINUED ON THE REVERSE SIDE...**

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of the concrete must be between 40° - 90° F (4.4° - 32.2°) at time of application.

For full application guidelines, please visit <http://www.wrmeadows.com/vocapp/>.

**Mixing** ... For optimum performance, gentle mixing or agitation is recommended. CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.

**Drying Time**... Product dries quickly. Drying times will vary depending on application rate, temperature, humidity, and project conditions. Restrict foot traffic for at least four hours. Twelve hours is preferable.

**Cleanup**... Clean tools after use with a solvent such as xylene, toluene, or SEALTIGHT CLEANER from W. R. MEADOWS.

## PRECAUTIONS

Coating is to be applied without dilution or thinning. FOR EXTERIOR/OUTSIDE APPLICATION ONLY. DECRA-SEAL 100 IS FLAMMABLE. KEEP AWAY FROM ALL OPEN FLAMES, SPARKS, IGNITION SOURCES, etc. Block all HVAC ventilation ducts which may spread product odor. Use with adequate ventilation and keep away from open flame. If odor is objectionable, use of DECRA-SEAL™ W/B or the VOCOMP® series from W. R. MEADOWS is suggested. Surfaces treated with DECRA-SEAL 100 may become slippery under certain conditions. To increase slip resistance, add SURE-STEP™ additive from W. R. MEADOWS to the product.

Product should not be applied to concrete exposed to excessive moisture. Entrapped moisture in a solvent-based sealer may cause the film to peel and/or turn white (blush). Over application may result in the finished film appearing hazy or white.

Do not use on dense or non-porous surfaces, i.e. brick, stone, etc. Concrete containing calcium chloride will remain dark longer when treated with this product.

## HEALTH AND SAFETY

Avoid direct contact with this product, as it may cause irritation of the eyes and/or skin. Inhalation of vapors may result in transient central nervous system depression. DECRA-SEAL 100 is flammable. DECRA-SEAL 100 should not be utilized in locations

where food items are present. Refer to Safety Data Sheet for complete health and safety information.

## LEED INFORMATION

May help contribute to LEED credits:

- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most recent data sheet, further LEED information, and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).



### LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

### Disclaimer

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