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(Supersedes August 2010)

DECRA-SEAL™ OTC

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

DESCRIPTION

DECRA-SEAL OTC is specifically formulated for extended working time and provides a premium-grade curing and sealing compound for optimum moisture retention. The high solids, non-yellowing, acrylic film truly enhances both plain gray and decorative concrete. Applying DECRA-SEAL OTC to concrete surfaces also improves resistance to water, alkalis, mild acids, and petroleum spirits. This product has been formulated to cure, seal, and protect concrete by producing a hard (yet flexible), clear film.

USES

DECRA-SEAL OTC is designed for various applications, including exterior concrete surfaces, sidewalks, driveways, patios, swimming pool areas, and exposed aggregate, as well as any exterior surface where protection and sealing of concrete is desired. The use of DECRA-SEAL OTC on any exterior concrete surface provides a durable, long-lasting, high-sheen finish that offers improved resistance to chemicals, oil, grease, de-icing salts, and abrasions.

FEATURES/BENEFITS

- Seals all 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.
- Helps minimize spalling of exterior concrete.
- Provides good blush resistance in damp areas.
- Applies easily ... dries to the touch in 30 - 60 minutes.
- Provides a clear, tough film that improves abrasion and stain resistance..
- Seals and enhances the beauty of many concrete surfaces for years.
- 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 Cans (4 per Carton)
5 Gallon Pails

COVERAGE

300 – 600 ft.²/gal. Coverage may vary due to porosity and condition of the concrete.

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 C 309, Type 1, Class A & B
- ASTM C 1315, Type 1, Class A
- AASHTO M 148, Type 1, Class A & B
- Complies with U.S. EPA, LADCO, and OTC maximum allowable VOC requirements.

TECHNICAL DATA

The following results were obtained under laboratory conditions:

Drying Time @ 73° F, 50% RH	1-2 hours
Re-coat	2-24 hours
Foot Traffic	4-6 hours
Wheel Traffic	12 - 24 hours
VOC Content	340 g/L
Adhesion to Concrete	Excellent
ASTM C 1315, 8.7 Ultraviolet light (UV) degradation	
Ultraviolet Resistance	Non-yellowing
Chalk Resistance	No chalking
Check/Peel Resistance	No deterioration
Alkali Resistance	Excellent

All technical data is typical information, but may vary due to test methods, conditions and operators. Low concrete or air temperatures and/or high relative humidity will extend drying times.

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. ULTRITE® DEGREASER from W. R. MEADOWS is recommended for cleaning.

CONTINUED ON REVERSE SIDE...

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Application Method ... Use a sprayer or short-nap roller to apply a uniform film. Avoid puddling in low areas. If puddles occur, brush or roll them out. A standard industrial-grade sprayer, such as a Chapin 19069, with a 0.2 GPM sprayer and fan spray pattern is recommended. Apply over the entire surface; avoid puddling in low areas. Two thin applications at 600 ft.²/gal. are recommended. Surface temperature of the concrete must be between 40° – 90° F 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 application only. 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 OTC 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.



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

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.

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 OTC is flammable. DECRA-SEAL OTC 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:

- IEQ Credit 4.2: Low Emitting Materials – Paints and Coatings
- 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.