

# PRODUCT DATA

W. R. MEADOWS®

SEALTIGHT®

CSI Code: 03050

NO. 360

APRIL 2004  
(Supersedes December 2003)

## DECRA-SEAL™

Non-Yellowing Acrylic Curing and Sealing Compound for Decorative Concrete

### DESCRIPTION

DECRA-SEAL is a non-yellowing, acrylic-based, high solids, liquid curing and sealing compound for decorative concrete. The product is clear, transparent and easy-to-apply. DECRA-SEAL also offers improved resistance to water, alkalis, mild acids and petroleum spirits. The product has been formulated to seal and protect decorative colored concrete by producing a hard yet flexible clear film. DECRA-SEAL meets the maximum VOC content limits of 700 g/L for Concrete Curing and Sealing Compounds as required by the U.S. EPA Architectural Coatings Rule. This product is specifically formulated for the residential decorative concrete market.

### USES

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

### PACKAGING

1-gallon (3.79 liter) cans  
5-gallon (18.93 liter) pails

### SPECIFICATIONS

- ASTM C 309, Type 1, Class A & B
- ASTM C 1315, Type 1, Class A
- AASHTO M 148, Type 1, Class B
- Dried film is USDA accepted

### COVERAGE\*

300 – 600 sq. ft./gal. (7.37 – 14.73 sq. m/L)

\*Coverage may vary due to porosity and condition of the concrete.

### SHELF LIFE:

One year in original, unopened container.

### FEATURES AND BENEFITS

- Provides a totally clear membrane that will not yellow, for new or existing concrete
- Seals all concrete surfaces providing a glossy appearance and easier clean up
- Dustproofs concrete with a tough, durable film
- 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 which improves abrasion and stain resistance
- Offers improved resistance to rain, sun, freezing temperatures, most acids and industrial chemicals, oil, grease, de-icing salts, cleaning agents (except aromatic solvents), caustics, airborne soot, dust and other pollutants
- Seals and enhances the beauty of many concrete surfaces for years
- Can be recoated after thorough surface cleaning to restore original beauty
- Dried film is USDA accepted
- VOC compliant ... meets the U.S. EPA Architectural Coatings Rule 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	6-12 hours
VOC Content	679 g/L
Adhesion to Concrete	Excellent
Ultraviolet light (UV) degradation ASTM C 1315, 8.86	
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.

**CONTINUED ON REVERSE SIDE...**

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## APPLICATION

### Surface Preparation... *Existing Concrete:*

Concrete surface must be clean and dry with all stains, oil, grease, form release agents, dust and dirt removed prior to application. ULTRITE® DEGREASER from W. R. MEADOWS is recommended for cleaning. *New Concrete:* DECRA-SEAL should be applied when surface water has completely disappeared and the concrete surface will not be marred by walking workmen. *New Stamped Concrete:* Surface must be clean and free from all powdered release agent residue.

**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, equipped with a neoprene hose and gaskets, as well as a 9505-E spray tip (or equivalent) is recommended for best results.

**Drying Time...** DECRA-SEAL dries quickly. Drying times may be extended depending on application rate, temperature, humidity and project conditions. Restrict foot traffic for at least four hours. Twelve hours is preferred.

**Clean Up...** Application equipment should be cleaned promptly after use with Xylene or Toluene.

**ADDITIONAL CURING AND SEALING COMPOUNDS FROM W. R. MEADOWS CAN BE FOUND BY VISITING OUR WEBSITE: [www.wrmeadows.com](http://www.wrmeadows.com)**

## PRECAUTIONS

**DO NOT DILUTE. FOR EXTERIOR APPLICATION ONLY.** Direct sunlight, combined with high temperatures may cause rapid evaporation that will not allow the film to form properly. Under these conditions, the film may peel, bubble and/or turn white (blush). DECRA-SEAL 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).

Do not apply DECRA-SEAL if the temperature of the concrete is below 40°F (4°C). DECRA-SEAL is designed for colored concrete, but mottling may occur. Do not use on dense or non-porous surfaces, i.e. brick, stone, etc. Do not use DECRA-SEAL as a waterproofing sealer on masonry surfaces.

Concrete containing calcium chloride will remain dark longer when treated with DECRA-SEAL. The specifier and user shall determine the suitability of product for specific applications and assume all responsibility in connection therewith.

## HEALTH HAZARDS

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 is combustible. (Flash point: 105°F.) DECRA-SEAL should not be utilized in locations where food items are present. Refer to Material Safety Data Sheet for complete health and safety information.

**TO VERIFY MOST RECENT TECHNICAL DATA SHEET IS BEING USED, VISIT OUR WEBSITE: [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

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.