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(Supersedes August 2008)

## DECRA-SEAL™ W/B

Non-Yellowing, Water-Based Sealer for Decorative Concrete

### DESCRIPTION

DECRA-SEAL W/B is a non-yellowing, proprietary blend of polymers, high solids, liquid sealer for decorative concrete. The product is clear, transparent, and easy to apply. DECRA-SEAL W/B also offers greatly improved chemical resistance when compared to standard curing and sealing compounds. The product has been formulated to seal and protect decorative colored concrete by producing a hard (yet flexible) clear film.

### USES

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

### FEATURES/BENEFITS

- Permeable film allows moisture in cured concrete to evaporate.
- Provides a totally clear membrane that will not yellow.
- Seals all concrete surfaces, providing a glossy appearance and easier cleanup.
- Dustproofs concrete with a tough, durable film.
- Helps minimize spalling of exterior concrete.
- Provides good blush resistance in damp areas.
- Applies easily.
- Provides a clear, tough film, which improves abrasion and stain resistance.
- Improves resistance to hot-tire staining.
- Offers improved resistance to rain, sun, freezing temperatures, most acids and industrial chemicals, oil, grease, deicing 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.

### PACKAGING

- 1 Gallon (3.79 L) Units (4 per Case)
- 5 Gallon (18.93 L) Pails

### COVERAGE

300 - 600 ft.<sup>2</sup>/gal. (7.37 - 14.73 m<sup>2</sup>/L). 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 (4° - 32° C), optimum performance and best use is obtained within one year of date of manufacture.

### SPECIFICATIONS

- Complies with U.S. EPA, LADCO, and OTC VOC requirements.
- Dried film is USDA accepted

### TECHNICAL DATA

The following results were obtained under laboratory conditions:

Drying Time @ 73° F, 50% RH:	2 - 3 hours**
Re-coat:	4 - 24 hours
Foot Traffic:	6 - 12 hours
Wheel Traffic:	24 hours
VOC Content:	204 g/L
Adhesion to Concrete:	Excellent
Ultraviolet light (UV) degradation, per ASTM C 1315, 8.86	
Ultraviolet Resistance:	Non-yellowing
Chalk Resistance:	No chalking
Check/Peel Resistance:	No deterioration
Alkali Resistance:	Excellent
**Low concrete or air temperatures and/or high relative humidity will extend drying times.	

CONTINUED ON REVERSE SIDE...

## APPLICATION

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

**Surface Preparation ...** Existing Concrete: Concrete surface must be clean and dry with all chemical form agents, stains, oil, grease, dust, and dirt removed prior to application.

New Stamped Concrete (At least 72 hours [three days] old): Surface must be clean and free from all powdered release agent residue. CAUTION: If a liquid compound other than CS-309™ or VOCOMP® series products from W. R. MEADOWS have been used, do not apply DECRA-SEAL W/B until all traces of the compound have been completely removed and the surface is clean and dry. We recommend ULTRITE® DEGREASER from W. R. MEADOWS for removal and cleaning.

**Application Method ...** A typical commercial sprayer, such as a Chapin 1949, provides an easy, economical method of application. DECRA-SEAL W/B can also be applied using a lint-free roller or lambs wool applicator. Care should be taken to maintain a wet-edge during application to prevent roller marks in the dried film.

DECRA-SEAL W/B should be sprayed with a nozzle that produces a flow of 0.1 GPM. Spray on in a fine, fog pattern, without spurts or dribbles, to form a thin, continuous film. AVOID PUDDLING in low areas. If puddles occur, brush or roll them out. For added protection and a greater sheen on concrete, we recommend two coats of DECRA-SEAL W/B be applied at right angles. Additional coats may be applied after the first coat has thoroughly dried.

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

**Cleanup ...** While DECRA-SEAL W/B is still wet, equipment may be cleaned with soap and water. Once dried, the material may be removed with a solvent, such as xylene or toluene.

## PRECAUTIONS

KEEP FROM FREEZING. DO NOT ADD OR DILUTE WITH ANY OTHER COMPOUNDS. DO NOT MIX WITH ANY COMPOUNDS CONTAINING SOLVENT. Do not apply when air, material and surface temperatures are expected to fall below 40° F (4° C) within four hours of completed application. DECRA-SEAL W/B is designed for colored concrete, but mottling may occur. Do not use on dense or non-porous surfaces, i.e., brick, stone, etc. For other specifications, secure the approval of the paint or resilient flooring manufacturer before applying product. The specifier and user shall determine the suitability and assume all responsibilities therewith.

## HEALTH HAZARDS

Direct contact may result in mild irritation. Inhalation may cause irritation of the respiratory tract. 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
- IEQ Credit 4.3: Low-Emitting Materials - Flooring
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

**For most current 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

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.