



W. R. MEADOWS®

SEALIGHT™

DATA SHEET NO. 3568-000

DECRA-SEAL™

Non-Yellowing Acrylic Curing & Sealing Compound for Decorative Concrete (VOC-Compliant)

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 coloured concrete by producing a hard, clear film. This product is specifically formulated for the residential decorative concrete market. DECRA-SEAL meets the 350 g/L VOC limit for concrete curing compounds.

USES

DECRA-SEAL is designed for various applications, including exterior concrete surfaces, 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 on any exterior concrete surface provides a durable, long-lasting finish that has improved resistance to chemicals, oil, grease, de-icing salts and abrasions.

FEATURES/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 cleanup.
- 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 cleaning to restore original beauty.

- VOC-compliant.

PACKAGING

3.8 Litre (1 U.S. Gal.) Cans
18.9 Litre (5 U.S. Gal.) Pails

COVERAGE

7.37 – 14.73 m² per litre (300 – 600 ft.²/U.S. gallon).
Coverage may vary due to porosity and condition of the concrete.

SHELF LIFE

When stored indoors and in original, unopened containers at temperatures between 4° - 32° C, shelf life is two years from date of manufacture.

SPECIFICATIONS

- ASTM C 309, Type 1, Class A & B
- ASTM C 1315, Type 1, Class A
- Complies with Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations in Canada.

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

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, equipped with Viton fittings, a 3.79 LPM nozzle, and fan spray pattern, is recommended. Apply over the entire surface; avoid puddling in low areas.

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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 SOLENT from W. R. MEADOWS.

PRECAUTIONS

Coating is to be applied without dilution or thinning. For exterior application only. Surfaces treated with DECRA-SEAL (VOC) may become slippery under certain conditions.

Product should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly. Under these conditions, the film may peel, bubble, and/or turn white (blush). Surface temperature of the concrete must be between 4° – 32° C.

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.

Product may be used on colored concrete, but mottling may occur. 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. Concrete floors properly cured with this product meet section 8.9 "Adhesion of Tile Cements" of ASTM C 1315. For other specifications, secure the approval of the paint or resilient flooring manufacturer before applying this product.

MASTERFORMAT NUMBER AND TITLE

03 39 23 – Membrane Concrete Curing

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 MSDS, visit www.wrmeadows.com

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