

PRODUCT DATA

W. R. MEADOWS®

SEALIGHT®

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VOCOMP®-25

Water-Based, Acrylic Concrete Curing and Sealing Compound

DESCRIPTION

VOCOMP-25 water-based acrylic concrete sealer is a ready-to-use concrete curing and sealing compound formulated of special acrylic polymers in a true water-based carrier. VOCOMP-25 provides improved resistance to rain, sun, freezing temperatures, most acids and industrial chemicals, petroleum, deicing salts, cleaning agents (except aromatic solvents), diluted caustics, and other pollutants.

VOCOMP-25 appears milky white in the container and, when first applied, leaves a bluish cast on the concrete for easy visual coverage. VOCOMP-25 dries clear to provide a transparent sheen finish. This sheen can be controlled by the number of coats applied.

USES

VOCOMP-25 may be used wherever a medium-to-high sheen is desired to bring out the natural beauty of concrete without discoloring, checking, or peeling. It may be applied to simultaneously cure, seal, and dustproof new, old, interior, exterior, horizontal, and vertical concrete surfaces. VOCOMP-25 is ideal for curing, sealing, and dustproofing driveways, sidewalks, patios, swimming pool areas, and commercial and industrial floors. Horizontal surfaces protected with VOCOMP-25 offer excellent wearing qualities for foot and vehicular traffic. If, after prolonged usage, traffic patterns appear, the surface can be washed clean and recoated to restore the original beauty. Good concrete and good concreting practices should be followed, as VOCOMP-25 is not a cure-all for improperly mixed or placed concrete.

FEATURES/BENEFITS

- Permeable film allows moisture in cured concrete to evaporate.
- Provides a ready-to-use, non-yellowing, water-based compound that cures and seals concrete in one quick and easy application.
- 25% solids formulation.
- Dries quickly on new concrete to provide a clear, tough, easy-to-clean sheen finish.

- Applicable for use on new, old, interior, exterior, horizontal, and vertical concrete surfaces.
- Offers improved resistance to most chemicals, petroleum, abrasives, and mortar droppings.
- Application tools can be cleaned with soap and water.
- VOC-compliant.

PACKAGING

1 Gallon (3.79 Liter) Units (4 per case)
5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drums

COVERAGE

Broomed Surface: Approximately 300 ft.²/gal.
(7.35 sq. m/L).
Troweled Surface: Approximately 500 ft.²/gal.
(12.26 sq. m/L).

SHELF LIFE

Shelf life is two years when stored indoors and in original, unopened containers at temperatures between 40 - 90° F (4 - 32° C).

SPECIFICATIONS

- AASHTO M 148, Type 1, Class A & B
- ASTM C 309, Type 1, Class A & B
- ASTM C 1315, Type I, Class A
- Complies with all current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, SCAQMD, and OTC.
- Canada VOC Concentration Limits for Architectural Coatings Regulations.
- Dried film is USDA accepted.



CONTINUED ON REVERSE SIDE...

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APPLICATION

Surface Preparation ... Old Concrete: Surface preparation is extremely important. Concrete must always be clean and dry, with all stains, oil, grease, dust, and dirt removed prior to application. If not, they will be amplified by the transparent sheen finish. **CAUTION:** If a liquid compound other than VOCOMP-20, VOCOMP-25, or VOCOMP-30 has been used, do not apply VOCOMP-25 until all traces of the compound have been completely removed and the surface is clean and dry. **New Concrete:** Apply VOCOMP-25 when the surface water has disappeared and the concrete surface will not be marred by walking workmen.

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

Application Method ... A typical industrial sprayer, such as a Chapin 1949, provides an easy, economical method of application. VOCOMP-25 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 dried film.

VOCOMP-25 should be sprayed on with a Chapin 1-5916 nozzle that produces a flow of 1/10 of one gallon per minute. Spray on in a fine, fog pattern without spurts and 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 new or old concrete, we recommend two coats of VOCOMP-25 be applied at right angles. Additional coats of VOCOMP-25 may be applied after the first coat has thoroughly dried.

Drying Time ... VOCOMP-25 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 preferable.

Cleanup ... While VOCOMP-25 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.



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.

PRECAUTIONS

KEEP FROM FREEZING. Do not dilute. Do not apply VOCOMP-25 when air, material, and surface temperatures are expected to fall below 40° F (4° C) within four hours of completed application. **DO NOT MIX WATER-BASED COMPOUNDS WITH ANY COMPOUND CONTAINING SOLVENT.**

VOCOMP-25 may be applied to colored concrete, but mottling may occur. Do not use on dense or non-porous surfaces, i.e., brick, stone, etc.

Concrete floors properly cured with VOCOMP-25 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 VOCOMP-25. The specifier and user shall determine the suitability and assume all responsibilities in connection therewith.

Caution should be taken when applying to dense surfaces. Over-application or buildup of the film may result in the film being scratched by pallets or objects being dragged across it.

HEALTH AND SAFETY

Direct contact may result in mild irritation. Inhalation may cause irritation of the respiratory tract. Refer to Material Safety Data Sheet for complete health and safety information.

LEED INFORMATION

May help contribute to LEED credits:

- IEQ Credit 4.2: Low-Emitting Material – Paints and Coatings
- IEQ Credit 4.3: Low-Emitting Materials – Flooring Systems
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most current data sheet, further LEED information, and MSDS, visit www.wrmeadows.com.