



W. R. MEADOWS

SEALIGHT

## DATA SHEET NO. 3300-195

### 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, 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 discolouring, 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

3.78 Litre Units (4 per Case)  
18.93 Litre Pails  
205 Litre Drums

##### COVERAGE

Broomed surface: Approximately 7.35 m<sup>2</sup>/L  
(300 ft.<sup>2</sup>/gal.)  
Trowelled Surface: Approximately 12.26 m<sup>2</sup>/L  
(500 ft.<sup>2</sup>/gal.)

##### SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 4° - 32° C, optimum performance and best use is obtained within one year of date of manufacture.

##### SPECIFICATIONS

- ASTM C 309, Type 1, Class A & B
- ASTM C 1315, Type 1, Class A
- Canada VOC Concentration Limits for Architectural Coatings Regulations

##### 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 workers.

### W. R. MEADOWS® OF CANADA

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**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 nozzle that produces a flow of 0.379 LPM. 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.

#### PRECAUTIONS

KEEP FROM FREEZING. Do not dilute. Do not apply VOCOMP-25 when air, material, and surface temperatures are expected to fall below 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 coloured concrete, but mottling may occur. Do not use on dense or non-porous surfaces, i.e., brick, stone, etc.

For any alternate specifications or requirements, secure the approval of the manufacturer of any paint, coating, carpet, adhesive, resilient flooring, floor topping, etc. (any type/composition of subsequent floor treatment) that will be applied over VOCOMP-25. Obtain this approval before applying the product over concrete previously applied with VOCOMP-25.

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 Safety Data Sheet for complete health and safety information.

#### MASTERFORMAT NUMBER AND TITLE CLAUSE

03 39 23 – Membrane Concrete Curing

#### 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 Systems
- 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).

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