



DATA SHEET NO. 3300-195

VOCOMP®-25

Water-Based, Acrylic Concrete Curing and Sealing Compound

DESCRIPTION

VOCOMP-25 is a ready-to-use concrete curing and sealing compound formulated of special acrylic polymers in a true water-based carrier. VOCOMP-25 resists yellowing from ultraviolet exposure and provides a durable, long-lasting finish that offers improved resistance to chemicals, petroleum, and abrasives.

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.
- Minimizes hair-checking, premature cracking, dusting, and spalling.
- 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.

- Tough, durable finish offers improved resistance to chemicals, petroleum, and abrasives.
- VOC compliant.

PACKAGING

3.78 L (1 Gal.) Units (4 per Case)
18.93 L (5 Gal.) Pails
205 L (55 Gal.) Drums

COVERAGE

Broomed surface: Approximately 7.35 m²/L
(300 ft.²/gal.)
Trowelled Surface: Approximately 12.26 m²/L
(500 ft.²/gal.)

Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application.

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/STANDARDS

- AASHTO M 148, Type 1, Class A & B
- ASTM C309, Type 1, Class A & B
- ASTM C1315, Type 1, Class A
- Tested per CDPH/EHLB Standard Method V1.2-2017 Emission Testing Method (Report available upon request)
- Canada VOC Concentration Limits for Architectural Coatings Regulations
- Ministry of Transportation, Quebec

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

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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.

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, and a nozzle that produces a flow of 0.1 GPM (0.379 LPM) is recommended.

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, two coats of VOCOMP-25 may be applied at right angles. Additional coats of VOCOMP-25 may be applied after the first coat has thoroughly dried. 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.

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 adhesion specifications or requirements besides ASTM C1315, Section 8.8, 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. In areas intended for heavy forklift traffic, consider MED-CURE™ and/or the LIQUID-HARD® products from W. R. MEADOWS

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

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

2022-10-07



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