



W. R. MEADOWS.

SEALIGHT

DATA SHEET NO. 3300-201

VOCOMP®-30

Water-Based, Acrylic, Concrete Curing & Sealing Compound

DESCRIPTION

VOCOMP-30 is a ready-to-use, 30% solids concrete curing and sealing compound formulated of special acrylic polymers in a true water-base carrier. VOCOMP-30 provides improved resistance to rain, sun, freezing temperatures, most acids and industrial chemicals, petroleum, de-icing salts, cleaning agents (except aromatic solvents), diluted caustics and other pollutants.

Colour-wise, VOCOMP-30 appears "milky white" in the container and when first applied, leaves a "bluish cast" on the concrete for easy, visual identification of coverage. VOCOMP-30 dries clear to provide a transparent sheen finish. This sheen can be controlled by the number of coats applied.

USES

VOCOMP-30 may be used wherever a thicker film, with a medium to high sheen, is desired to bring out the natural beauty of concrete without discolouring, checking or peeling. When properly applied VOCOMP-30 provides an impermeable seal for superior moisture protection. It may be applied to simultaneously cure, seal and dustproof new and old, interior and exterior, horizontal and vertical concrete surfaces. VOCOMP-30 is ideal for curing, sealing and dustproofing of driveways, sidewalks, patios, swimming pool areas and commercial and industrial floors. Horizontal surfaces protected with VOCOMP-30 offer excellent wearing qualities for foot and vehicular traffic. If, after prolonged usage, traffic patterns appear, the surface can be washed clean and re-coated to restore the original beauty. Good concrete and good concreting practices should be used as VOCOMP-30 is not a cure-all for improperly mixed or placed concrete.

*SPECIFICATIONS

- Conforms to ASTM C309, Type 1, Class B.
- ASTM C1315, Type 1, Class A.
- AASHTO M-148, Type 1, Class B.
- Complies with all current federal, state and local maximum allowable VOC requirements, including U.S. EPA, SCAQMD, and OTC.
- Dried film is USDA accepted.
- Agriculture & Agri-Food Canada accepted

FEATURES AND BENEFITS

- Provides a ready-to-use, non-yellowing, water-base compound that seals and protects concrete in one quick and easy application
- 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 ... actual VOC content is <50 g/L

Packaging: 3.78 litre plastic jugs.
18.9 litre plastic pails.
205 litre drums.

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

LEED INFORMATION

May help contribute to LEED credits:

- EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings
- MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally
- MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally



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APPLICATION INSTRUCTIONS

Surface Preparation ... *Existing (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-30 until all traces of the compound have been completely removed and the surface is clean and dry.

New Concrete: Apply VOCOMP-30 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-30 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-30 should be sprayed on with a Chapin 5916 tip that produces a flow of 0.38 litres (1/10th gal.) 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 greater sheen on new or existing (old) concrete, we recommend two (2) coats of VOCOMP-30 to be applied at right angles. Additional coats of VOCOMP-30 may be applied after the first coat has thoroughly dried. Use of improper spray tip or application method may result in a "spotty" appearance.

Drying Time ... VOCOMP-30 dries quickly. Drying times may be extended depending on application rate, temperature, humidity and project conditions. Restrict foot traffic for at least 4 hours, 12 hours is preferable.

Clean Up ... While VOCOMP-30 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-30 when air, material and surface temperatures are expected to fall below 4°C (40°F) within 4 hours of completed application. DO NOT MIX "WATER-BASE" COMPOUNDS WITH ANY COMPOUND CONTAINING SOLVENT.

VOCOMP-30 may be applied to coloured concrete, but mottling may occur. Do not use on non-porous surfaces or surfaces which are not uniform in porosity, i.e., brick, stone, masonry, etc. Concrete floors properly cured with VOCOMP-30 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-30. The specifier and user shall determine this suitability and assure all responsibilities in connection therewith.

Proper application is the responsibility of the user. Field visits by W. R. MEADOWS' personnel are for the purpose of making technical recommendations only, and are not to supervise or provide quality control on the job-site.

HEALTH HAZARDS

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.

SPECIFICATION CLAUSE

Section 03 05 00.

Curing and Sealing Compound W. R. MEADOWS VOCOMP-30, conforming to A.S.T.M. C 309, Type 1, Class B.

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

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