



DATA SHEET NO. 3300-201

VOCOMP®-30

Water-Based, Acrylic, Concrete Curing and 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-based 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. The product may be applied to simultaneously cure, seal, and dustproof new and old, interior and exterior, and 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 recoated 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.

FEATURES/BENEFITS

- Provides a ready-to-use, non-yellowing, water-based 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.

PACKAGING

3.78 Litre Units
18.9 Litre 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.)

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

- Conforms to ASTM C309, Type 1, Class B.
- ASTM C1315, Type 1, Class A
- AASHTO M-148, Type 1, Class B
- Agriculture & Agri-Food Canada accepted
- Complies with Canada VOC Concentration Limits for Architectural Coatings Regulations

APPLICATION

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.

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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-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 tip that produces a flow 0.5 GPM (1.9 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 greater sheen on new or existing (old) concrete, two (2) coats of VOCOMP-30 to be applied at right angles are recommended. 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 four 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 within four hours of completed application. **DO NOT MIX WATER-BASED 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.

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

Section 03 39 23 - Membrane Concrete Curing

LEED INFORMATION

May help contribute to LEED credits:

- MRC9: Construction and Demolition Waste Management

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

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