



03 05 00

No. 368-A

Print Version

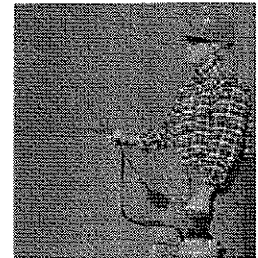
[LEED Credit Chart](#)[Specification](#)

VOCOMP®-20

WATER-BASED ACRYLIC CURING AND SEALING COMPOUND

DESCRIPTION

VOCOMP-20 water-based acrylic curing and sealing compound is formulated using special acrylic polymers in a true water-based carrier. Once properly applied, VOCOMP-20 provides a nearly impermeable seal for efficient moisture retention. VOCOMP-20 appears "milky white" in the container and, when first applied, leaves a "bluish" cast on the concrete for easy visual confirmation of coverage. VOCOMP-20 dries clear to provide a transparent sheen finish. The sheen can be controlled by the number of coats applied. VOCOMP-20 resists yellowing from ultraviolet exposure and provides a durable, long-lasting finish that offers improved resistance to chemicals, petroleum and abrasives.



VOCOMP-20 will minimize hair-checking, premature cracking, dusting and spalling. However, good concrete and good concreting practices should be used, as VOCOMP-20 is not a cure-all for improperly mixed or placed concrete. VOCOMP-20 meets the very strict maximum VOC content limits of 100 g/L for sealers as required by certain California Air Pollution Control Districts, as well as the 400 g/L VOC maximum required by the U.S. EPA Architectural Coatings Rule.

USES

VOCOMP-20 water-based acrylic curing and sealing compound may be quickly and easily applied to simultaneously cure and/or seal new interior or exterior as well as vertical or horizontal concrete surfaces. It is ideal for application on commercial and industrial floors, sidewalks, basement and garage floors, multi-level parking decks, patios, driveways and parking areas. VOCOMP-20 dries very quickly to protect and enhance the natural appearance of concrete.

FEATURES/BENEFITS

- Ready-to-use, non-yellowing, water-based compound that cures and/or seals concrete in one quick and easy application.
- Minimizes hair-checking, premature cracking, dusting and spalling.
- Dries quickly on new concrete to a durable, clear sheen finish that protects and enhances the natural appearance of concrete.

- Ideal for application on interior, exterior, horizontal and vertical concrete surfaces.
- Resists adhesion of mortar droppings to protect concrete floors during construction ... allows easier cleanup.
- Tough, durable finish offers improved resistance to chemicals, petroleum and abrasives.
- Application tools may be cleaned with soap and water.
- VOC compliant ... VOC content is <50 g/L.
- May help architects earn LEED credits in green building applications.

PACKAGING

1 Gallon (3.79 Liter) Units (4 per case)

5 Gallon (18.93 Liter) Pails

55 Gallon (208.20 Liter) Drums

SPECIFICATIONS

- ASTM C 309, Type 1, Class B
- AASHTO M 148, Type 1, Class B
- Meets 100 g/L maximum VOC content allowed by SCAQMD Rule 1113.
- Dried film is USDA accepted.

Meets Class A requirements of the ultraviolet light degradation/yellowing classification of ASTM C 1315, Section 6.4.1

COVERAGE

Coverage is approximately 300 ft.²/gal. (7.36 m²/ L). For optimum performance, an additional application is recommended. Coverage may vary due to porosity and condition of the concrete.

APPLICATION

Surface Preparation ... *New Concrete*: Apply VOCOMP-20 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: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.**

Application Method ... A typical commercial sprayer, such as a Chapin 1949 with a 5916 spray nozzle (or equivalent sprayer and nozzle), is recommended. The 5916 spray nozzle will produce a desired flow of 1/10th of one gallon per minute. VOCOMP-20 should be sprayed 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. VOCOMP-20 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 the dried film.

For added protection and a greater sheen on the concrete, an additional coat of VOCOMP-20, VOCOMP-25 or VOCOMP-30 may be applied after the first coat of VOCOMP-20 has thoroughly dried.

Proper application is the responsibility of the user. Field visits by W. R. MEADOWS personnel

or their representatives are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Drying Time ... VOCOMP-20 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.

Cleanup ... While VOCOMP-20 is still wet, equipment may be easily cleaned up 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 apply VOCOMP-20 when air, material and/or surface temperatures are expected to fall below 40° F (4° C) within four hours of completed application. Do not mix or dilute with any other products or liquids. VOCOMP-20 may be applied to colored concrete, but mottling may occur. Do not use on brick, stone, dense or other non-porous surfaces. Concrete floors properly cured with VOCOMP-20 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-20. The specifier and user shall determine the suitability and assume all responsibilities in connection therewith.

HEALTH HAZARDS

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

SHELF LIFE

One year in original, unopened container.

This material last updated January 2008.



[Top](#)

W. R. MEADOWS, INC.
P.O. Box 338 • HAMPSHIRE, IL 60140-0338
Phone: 847/214-2100 • Fax: 847/883-4544
1-800-342-5976
www.wrmeadows.com

HAMPSHIRE, IL / CARTERSVILLE, GA / YORK, PA
FORT WORTH, TX / BENICIA, CA / POMONA, CA
GOODYEAR, AZ / MILTON, ON / ST. ALBERT, AB

**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.