



NO. 367

MasterFormat: 03 35 00



SEPTEMBER 2017
(Supersedes December 2008)

MED-CURE™

Concrete Curing Agent, Hardener, and Dustproofers

DESCRIPTION

MED-CURE is a ready-to-use, water-based, VOC-compliant concrete curing agent, hardener, and dustproofers. It is residue-free and contains no wax, resin, or other materials that would inhibit the bond of subsequent coatings and/or treatments over substrate treated with MED-CURE.

USES

MED-CURE is ideal as a curing aid as well as for hardening and dustproofing exposed concrete floor slabs, sidewalks, driveways, beams, columns, etc. It can be used to provide a dust-free surface on concrete floors to be painted or covered by resilient, carpeted, wood, or synthetic flooring.

FEATURES/BENEFITS

- Meets the moisture retention requirement of ASTM C309 on hard trowel concrete.
- Penetrates to aid curing, as well as to harden concrete, in one easy application.
- Minimizes hair checking, thermal cracking, dusting, and other defects.
- Provides a low-maintenance, finished surface.
- Tinted product available which aids in identifying coverage.
- Ideal for new, old, interior, exterior, horizontal, and vertical concrete surfaces.
- Dries fast and may be recoated if desired.
- Application tools may be cleaned with water.
- VOC-compliant.
- Does not prevent the adhesion of subsequent coatings, treatments, or flooring material.

PACKAGING

5 Gallon (18.9 L) Pails
55 Gallon (208.2 L) Drums
275 Gallon (1041 L) Totes

COVERAGE

Broomed Surface: 300 - 500 ft.²/gal.
(7.36 m²/L - 12.27 m²/L)
Troweled Surface: 500 - 700 ft.²/gal.
(12.27 m²/L - 17.18 m²/L)

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 40° - 90° F (4° - 32° C), optimum performance and best use is obtained within one year of date of manufacture.

SPECIFICATIONS

- Complies with all current federal, state, and local maximum allowable VOC requirements, including National AIM, LADCO, OTC Phase I and II, CARB, and SCAQMD.
- Treated surface is USDA accepted.
- Meets the moisture retention requirement of ASTM C309 on densely-trowel concrete.

TECHNICAL DATA

VOC Content: 0 g/L

APPLICATION

Surface Preparation

Fresh (New) Concrete ... Apply as soon as all surface water has disappeared and the concrete surface will not be marred by walking workers.

Existing (Old) Concrete: ... Concrete surface must be clean and dry with all stains, oil, grease, dust, and dirt removed prior to application.

CONTINUED ON REVERSE SIDE...

Application Method ... Use a sprayer or short-nap roller to apply a uniform film. Avoid puddling in low areas. If puddles occur, brush or roll them out. A standard industrial-grade sprayer, such as a Chapin 1949, and a spray nozzle that produces a flow of 0.1 GPM (0.379 LPM) under 40 psi of pressure, is recommended.

Mixing ... For optimum performance, gentle mixing or agitation is recommended.

Drying Time ... MED-CURE dries in approximately one hour. Drying times may vary depending on application rate, temperature, humidity, wind, and project conditions.

Cleanup ... Application equipment may be cleaned easily with soap and water while still wet.

PRECAUTIONS

DO NOT DILUTE. Do not apply if the temperature of the concrete is less than 40° F (4.4° C). KEEP FROM FREEZING. If MED-CURE is accidentally sprayed or spilled on glass, brick, aluminum, painted surfaces, etc., flush immediately with water. Do not over-apply. Over-application or puddling of MED-CURE on the surface may lead to white crystals forming on the surface which are difficult to remove. Mechanical abrasion is the only effective manner to remove crystals.

LEED INFORMATION

May help contribute to LEED credits:

- MRc9: Construction and Demolition Waste Management
- EQc2: Low-Emitting Materials
[For Healthcare and Schools (exterior-applied products) ONLY]

HEALTH AND SAFETY

This product will not support combustion. Read and follow application information and use in accordance with the health and safety information shown on the label. Refer to Safety Data Sheet for complete health and safety information.

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



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.