



DATA SHEET NO. 3300-252

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. (Will dissipate with exposure to UV.)
- 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

3.78 Litre (1 U.S. Gal.) Units
18.9 Litre (5 U.S. Gal.) Pails
205 Litre (54 U.S. Gal.) Drums

COVERAGE

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

- Complies with Canada VOC Concentration Limits for Architectural Coatings Regulations.
- Tested per CDPH/EHLB Standard Method V1.2-2017 Emission Testing Method (Report available upon request)
- Meets the moisture retention requirement of ASTM C309 Type 1 or Type 1D, Class A on densely-troweled concrete.

TECHNICAL DATA

Appearance: Colourless, transparent liquid
(Red dye can be added for exterior application)

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.

Continued over ...

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

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

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 0.379 LPM (0.1 GPM) under 276 kPa (40 psi) of pressure, 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.

Clean Up ... 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 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.

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.

MASTERFORMAT NUMBER AND TITLE

03 35 00 - Concrete Finishing

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



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