



LevelCure® Primer 943

Vinyl Emulsion Primer

PRODUCT DESCRIPTION

LEVELCURE® PRIMER 943 is a high quality emulsion polymer for self-leveling underlayments. A bonding agent and fortifying admixture, LEVELCURE PRIMER 943 reduces water absorption associated with concrete to ensure a flowable mix.

▶ BASIC USE

As a bonding agent, LEVELCURE PRIMER 943 provides increased adhesion to old concrete and other substrates. As an additive to cementitious self-leveling underlayments, LEVELCURE PRIMER 943 retards moisture loss, thereby reducing brittleness and increasing flexural and impact strengths. Traditional methods of covering the installation with polyethylene, burlap or fogging can be eliminated.

▶ AREAS OF USE

Use as a substrate primer on approved interior installations prior to the application of LEVELCURE. May also be used as an admixture to LEVELCURE.

▶ LIMITATIONS

LEVELCURE PRIMER 943 provides excellent results with intermittent water exposure, but is not recommended for use in areas of continuous exposure, such as showers or steam rooms. LEVELCURE PRIMER 943 must be diluted at a ratio of 1:1 with clean potable water. Do not use undiluted primer or apply excessive coats of primer. Primer must penetrate concrete surfaces and should not be allowed to form thick or heavy dried film on the substrate.

▶ APPLICABLE STANDARDS

There are no industry accepted standards for latex bonding agents.

Color — White Liquid.

Texture — Medium viscosity liquid.

▶ PACKAGING

4 / 1 gallon (3.8 L) bottles, 5 gallon (18.9 L) pails, 55 gallon (208 L) drums.

APPLICATIONS

▶ PREPARATORY WORK

All surfaces to receive LEVELCURE and LEVELCURE PRIMER 943 must be structurally sound, and not subject to temperatures below 40°F (4°C) or above 100°F (38°C). Surfaces must be free of all grease, oil, dirt, dust, curing compounds, sealers, coatings, efflorescence, old adhesive residues, gypsum based underlayments and any other foreign matter.

▶ CONCRETE FLOORS

Concrete shall be completely exposed, fully cured, free of moisture and efflorescence. Chip, sandblast or hammer out any spalled unsound concrete. Clean off any resulting dust. Prime cleaned surface with LEVELCURE PRIMER 943 diluted 1 to 1 with water. Apply an even coat using brush or broom. On

extremely porous concrete, two applications may be required. Allow primer to dry to a tacky surface before applying LEVELCURE. Reapply primer if first application is allowed to dry past 24 hours.

▶ PLYWOOD

Plywood surfaces shall be of exterior grade, and when placed over conventional floor joists, shall be of a design and thickness to provide a secure, rigid substrate base. Allow a gap of 3/16" to 1/4" (5 to 6 mm) between sheets of plywood. Fill these gaps with C-Cure QUICKCURE 908 dry-set mortar. Prime the plywood subfloor with LEVELCURE PRIMER 943 diluted at the ratio of 1:1 with water.

After the primer has dried, nail or staple thin, galvanized metal lath or approved plastic lath to the floor. Next, mix 1 qt (0.95 L) of LEVELCURE PRIMER 943 with 4 qts. (3.8 L) of water to 1 bag of LEVELCURE SLU 961 powder; mix as normal. Install no less than 1/4" (6 mm) nor more than 1" (25 mm) thickness of the above LEVELCURE SLU 961 mix over the surface following the standard procedure.

▶ SPECIAL SURFACES

Marble, terrazzo and existing ceramic tile surfaces must be well bonded to the sub-floor, cleaned of any waxes and abraded to a rough surface prior to priming. Prime the surface as described above for plywood surfaces. (Metal lath is not necessary.) Let dry, then apply LEVELCURE as for concrete floors. Over steel surfaces, consult with

C-Cure's Technical Department to discuss the particular job conditions. DO NOT USE over particle board, plastics, vinyl, urethane or epoxy floor coverings.

▶ CLEANING

Water is all that is needed to remove uncured LEVELCURE PRIMER 943.

▶ PHYSICAL PROPERTIES

- A. Appearance: milky white liquid.
- B. Weight/gallon: 8.9 lbs. (4.03 kg)
- C. Solids by weight: 47± 1%.
- D. Application: spray, roll, brush.

▶ COVERAGE

300 sq. ft. (28 m²) per gal. (3.8 L) over smooth concrete after proper dilution.

▶ STORAGE

One year if kept in sealed containers stored in dry area. Protect from freezing.

▶ CAUTION

Avoid inhalation of vapors, use in well ventilated areas. Avoid contact with eyes or skin. In case of contact with eyes, flush with water and call physician immediately; for skin contact, wash with warm soapy water. If material is swallowed, call physician immediately. KEEP OUT OF REACH OF CHILDREN.

GUARANTEE

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