



CONSTAR CONCRETE PRIMER

DESCRIPTION

CON-STAR Primer SL Acrylic Polymer primer for concrete is a high solids, LEED compliant (zero VOC) acrylic primer that is used to prime concrete surfaces to be leveled with cementitious underlayment's providing an improved adhesive bond.

BASIC USES

For priming existing concrete surfaces when:

- Repairing cracked, chipped or broken concrete.
- Installing cementitious self-leveling underlayments, topping, or other such products over concrete surfaces.
- Filling honeycombs in new concrete
- Tuck pointing mortar.
- Rubbing walls.

FEATURES

- Improves bond strength.
- Reduces porosity of concrete surface, improving mortar mix application characteristics.
- Contributes to LEED points.

LIMITATIONS

Use only on surfaces, which are maintained at a temperature above 10°C (50°F) and below 35°C (95°F) during application and for at least 72 hours.

Concrete surfaces must be sound, even, dry and free of grease, oil, paint, curing compounds or sealers, hydrostatic pressure, or other foreign matter. New concrete slabs must be cured for a minimum of 28 days (up to 90 days in cold, damp or exterior conditions) and have vapor emission of less than 1.36 kg/92.9m² (3 lbs/1000 Ft²) per 24 hours.

It is essential to always install several correctly located test areas to ensure compatibility, bond strength and performance of the complete flooring system.

LEED Points Contribution

MR Credit 5, Regional Materials*

IEQ Credit 4.2, Low-Emitting Materials – Paints & Coatings

*May be eligible

LEED Points

Up to 2 points

1 point

TECHNICAL DATA

Typical Physical Properties

Appearance	Low viscosity, white
Viscosity	25 cps (+/- 5 cps)
Specific Gravity	1.00
Drying time	2 to 3 hours
Flammability	NA

APPROXIMATE COVERAGE*

20L (5.3 US Gallon) - 279 to 375 m² (3000 to 4000 sq. ft.)

Coverages given are for estimating purposes only. Actual coverages may vary depending on job-site conditions and installation techniques used.



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APPLICATION

SURFACE PREPARATION

1. Surfaces must be structurally sound, well cured and dry. They must also be free of grease, oil, dirt, paint, curing compounds, sealers and other foreign matter. Damp mop or vacuum to remove dust or surface debris.
2. Where necessary, scarify or sand to remove dead or scaled concrete or other contaminants which could affect bond.

A. CONCRETE

1. Concrete surfaces should have a wood float or steel trowel with broom finish. Roughen smooth concrete surfaces.
2. New concrete surfaces shall be 28 days old before application; the surfaces shall be dry, and free of hydrostatic pressure: vapor emissions shall not exceed 1,36 kg/92,9 m² (3 lbs./1000 sq. ft.) per 24 hours when using the calcium chloride test kit.

APPLICATION

Apply primer, onto the surface using a brush or broom working it into the substrate with a push broom. Ensure no puddles or excess primer remains on the surface. Install patching and repair mortars after Con-Star Concrete Primer has dried to a tack.

SAFETY

Refer to Con-Star Concrete Primer Safety Data Sheet for detailed health and safety information.

AVAILABILITY AND COSTS

Con-Star Concrete Primer SL is available from Lazaro Cement Products/Dunrite Cement Vibrators and its distributors in 20 L (5.3 U.S. gallon) pails.

Cost: Data supplied upon request

WARRANTY

Con-Star warrants that this product is of merchantable quality and is suitable for the purpose for which it is intended. Con-Star's liability under this warranty shall be limited to replacement of its product found to be defective or, at its option, a refund of the purchase price.

TECHNICAL SERVICES

Con-Star's toll-manufacturer maintains a well-equipped laboratory able to test its products in conjunction with the products with which they are used. Technical assistance for use of Con-Star products is available upon request.

Manufactured in Canada under private label agreement for Con-Star / Lazaro Cement Products.