

ACRYLIC CONCRETE CURE & SEAL – SATIN FINISH

PRODUCT NO. 8730-02, -03

DIVISION 3

Maintenance of Concrete
03 01 00
Concrete Curing
03 39 00

PRODUCT DESCRIPTION

QUIKRETE® Acrylic Concrete Cure & Seal – Satin Finish is a dual-purpose, water-based acrylic clear coating designed for curing and sealing new concrete and sealing existing concrete. When applied over freshly placed concrete Acrylic Concrete Cure and Seal eliminates the need for moist curing and improves the strength and durability of the concrete surface.

PRODUCT USE

QUIKRETE® Acrylic Concrete Cure & Seal – Satin Finish is a highly water resistant clear coating designed for curing freshly placed concrete and sealing all types of concrete surfaces.

CURING

QUIKRETE® Acrylic Concrete Cure & Seal promotes proper curing by retaining moisture in freshly placed concrete, eliminating the need for water curing. It is ideal for preventing premature drying in warm, dry or windy weather. Properly cured concrete will obtain higher strengths, have increased wear resistance, improved durability and reduced shrinkage cracks.

SEALING

QUIKRETE® Acrylic Concrete Cure & Seal will repel water from concrete surfaces, as well as protect and seal them from acids, grease, salt, etc. It is ideal for sealing driveways, sidewalks, garage floors and loading docks

SIZES

- 1 gal (3.8 L) bottle
- 5 gal (19 L) pails

COVERAGE

As a curing compound, apply at 200 ft²/gal (4.9 m²/L) to comply with ASTM C309. When used as a sealer, coverage will depend on the porosity of the surface.

TECHNICAL DATA

APPLICABLE STANDARDS

ASTM International

- ASTM C309 Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete



PHYSICAL/CHEMICAL PROPERTIES

QUIKRETE® Acrylic Concrete Cure & Seal – Satin Finish is a water based acrylic copolymer that meets ASTM C309 requirements for Concrete Curing Compounds. It contains 20% solids.

INSTALLATION

SURFACE PREPARATION

When used as a sealer only, the surface should be clean, porous and able to accept additional sealer. Do not use this product on non-porous, sealed or painted surfaces. Oil stains, dirt and other surface contaminants must be removed. For heavily soiled surfaces, use QUIKRETE® Concrete and Asphalt Cleaner (#8601) or QUIKRETE Oil Stain Remover (#8670-06) to properly prepare the surface. Cleaners must be followed by rinsing and drying. Unsound, flaking concrete should be removed or repaired.

APPLICATION

Curing Compound Applications:

QUIKRETE® Concrete Cure & Seal is ready to use and should be applied after finishing when the new concrete has hardened and the surface sheen has disappeared.

- Using a garden sprayer, apply 2 thin layers at right angles to one another. Apply evenly to obtain coverage of 200 ft²/gal (4.9 m²/L). Do not leave puddles. Use a brush to spread excess and remove puddles
- Clean application tools with water immediately after use
- Even application is extremely important with colored concrete. Uneven application of QUIKRETE® Concrete Cure & Seal will result in uneven color

Sealer Applications:

- For sealing finished concrete surfaces, apply using a broom, brush, roller or garden sprayer

- Apply at a uniform thickness to obtain a coverage of 150 – 200 ft²/gal (3.7 - 4.9 m²/L), depending on the texture of the surface

PRECAUTIONS

- Do not apply more than the recommended amount.
- Do not leave puddles. If puddles form on textured surfaces, use a brush to remove them.
- Clean application tools, particularly sprayer nozzles, with water immediately after use.
- Wear impervious gloves and prevent skin contact. Remove any material from skin or clothes promptly, while wet, with soap and water.
- When used as a curing compound, do not apply to finished concrete surface too quickly. Under typical conditions, the proper application time will be 4-6 hours after placing.
- When used as a curing compound in hot, windy weather, the proper application time will be reduced to as little as 2-3 hours after placing. Wait at least 10-12 hours in cool weather. Apply after finishing and when surface water has been reabsorbed.
- Do not apply if rain, heavy dew or temperatures below 50°F (10°C) are expected within 24 hours. Keep from freezing during storage.
- Do not cover surfaces treated with QUIKRETE® Acrylic Concrete Cure & Seal for at least 24 hours after application.

- Solvents and cleaners containing solvents, such as pine or citrus will discolor.

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

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** Refer to www.quikrete.com for the most current technical data and SDS*

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