

## 1. PRODUCT NAME

Akona® Concrete Cure & Seal

## 2. MANUFACTURER

TCC Materials  
2025 Centre Pointe Blvd.  
Mendota Heights, MN 55120 USA  
Phone: 1.651.688.9116  
Web: tccmaterials.com

## 3. PRODUCT DESCRIPTION

Akona Concrete Cure & Seal is a clear, non-yellowing, waterborne, acrylic polymer membrane forming compound used for curing, sealing, and hardening of freshly-placed and/or existing concrete, pavers, brick, stone, and other cementitious materials. Concrete Cure & Seal is formulated to cure, seal, protect, and dustproof. Designed for both exterior and interior applications. The white solution dries clear and provides a dust-free surface. Concrete Cure & Seal provides maximum hardness to the concrete as well as resistance to traffic abrasion. It is compatible with most tile and carpet adhesives. On existing driveways, sidewalks, garage floors it provides protection from water penetration, salts, grease, etc.

### Features and Benefits

- Low VOC, water-based formula
- Tack-free in 2-4 hours
- Penetrates into surfaces
- Ready to use (no diluting)
- Chemical resistant
- Sprays white, dries clear

### When/Where to Use

- Cure and seal surfaces
- Interior or exterior applications
- New or existing applications
- Concrete, pavers, brick, stone, and other cementitious materials.
- Commercial and residential applications

## 4. TECHNICAL DATA

| Typical Values • Akona Concrete Cure & Seal |   |
|---|---|
| Composition & Materials                     | Formulated of fine quality, hard but pliable acrylic polymers in an aqueous system. No fillers are used and there are no oils, waxes, or saponifiable resins. |
| Moisture Efficiency                         | Meets ASTM C-309  |
| Typical Drying Time @ 70°F                  | 1-2 hours (touch)<br>4-12 hours (traffic)   |
| VOC Content                                 | < 350 g/l   |
| A.I.M. Category                             | Concrete Curing Compound<br>Maximum VOC 350 g/l   |

## Typical Values • Akona Concrete Cure & Seal (Cont.)

|                      |  |
|----------------------|--|
| Applicable Standards | ASTM C-309, Type 1, Class A, B and Type 1D with a red dye added. |
|----------------------|--|

### Available Sizes

- 1 gal. (3.8 L) bottle (BOM #121281)

### Coverage:

**NOTE:** COVERAGE IS PER COATING AND MAY VARY DUE TO POROSITY, WIND, TEMPERATURES, AND CONDITION OF SURFACES.

| Approximate Coverage @ 70°F                          | Sq. Ft./Gal. | M <sup>2</sup> /L |
|--|--------------|-------------------|
| Curing: Broomed or Troweled<br>Seal: New or Existing | 200-300      | 4.9-7.3           |
| Second Coat  | 300-500      | 7.3-12.6          |

## 5. INSTALLATION

### Preparation

- Remove all loose or unsound materials prior to application.
- Thoroughly clean existing surfaces of dirt, dust, oil, grease or other contaminants before using a mild acidic cleaner in cool water or TSP (Trisodium Phosphate) in very hot water can be used. Rinse well and allow to dry completely.
- Check compatibility with the substrate manufacturer prior to placement.
- Do not apply when rain is expected within 4-6 hours of application or when high-winds or other conditions prevent proper application.

**Note:** It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

### Mixing

- Mixture may be gently stirred to blend prior to use.
- Do not dilute.

### Application

- Apply only when air and substrate temperatures are between 50°F-90°F (10°C-32°C). Apply to dry surfaces only for optimal performance
- Use low-pressure sprayer to apply uniformly at the specified rate of coverage. Avoid heavy accumulation. A lamb's wool applicator or medium nap roller can also be used.
- Do not allow exposure to rainfall, water, or traffic until fully dried.

**Note:** Concrete Cure & Seal may darken the appearance of concrete, especially if it is applied too heavily. A small mock-up in an inconspicuous area is often done to test compatibility with the substrate prior to full application.

**New Concrete (Curing):** Apply after troweling is complete and surface is dry, immediately after surface water has dissipated and concrete can withstand weight. Use of a low-pressure sprayer is best to apply uniformly at the specified rate of coverage, however other application methods can be used i.e. lamb's wool applicator, or medium nap roller. If used on new concrete applications (less than 28 days old), reapply after 28 day cure for full color enhancing effect.

**Existing Concrete and other surfaces (Sealing):** Apply to a clean, dry surface using a medium nap roller or low-pressure sprayer to apply uniformly. Avoid heavy accumulations. A second coat may be applied on very porous surfaces with rapid absorption. Allow the product to become tack-free between coats. Spray the second coat with good pressure and a mist of spray from the nozzle.

**Clean Up**  
Use warm water and soap before this material dries. After product dries, an organic solvent such as xylene, may be used.

- Limitations**
- Store and apply between 50°F-90°F (10°C-32°C). Do not allow product in container to freeze.
  - Avoid a build-up or over-application of product as this may cause slippery conditions or separation between coats.
  - Keep containers tightly sealed when not in use.
  - Wash hands after using.
  - Do not dilute with water or solvents.
  - Dispose of contents/container in accordance with all local and state regulations.
  - Keep out of reach of children.

**Safety**  
READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: [tccmaterials.com](http://tccmaterials.com)

**Cautions**  
Read complete cautionary information printed on product container prior to use.  
This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered Akona brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

**6. AVAILABILITY**  
To locate Akona products in your area, please contact:  
Phone: 1.651.688.9116  
Website: [tccmaterials.com](http://tccmaterials.com)

|                           |  |
|---------------------------|--|
| <b>Shelf Life</b>         | Best when used within one year in original, unopened container                     |
| <b>Storage Conditions</b> | KEEP FROM FREEZING.<br>Store product at temperatures between 50°F-90°F (10°C-32°C) |
| <b>Color</b>              | Sprays white, dries clear  |

**WARNING: INJURIOUS TO EYES**

**KEEP OUT OF REACH OF CHILDREN**

**7. WARRANTY**  
Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.



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