

PRODUCT DATA SHEET

CEMENTONE® Clear Sealer

An extremely hard, self-crosslinking, low-odor, acrylic sealer topcoat designed to protect interior or exterior concrete or other cementitious surfaces.

PRODUCT DESCRIPTION

CEMENTONE® Clear Sealer is an extremely hard, self-crosslinking, low-odor, acrylic concrete sealer topcoat that is designed to protect interior or exterior concrete, stained concrete, or other cementitious surfaces with minimum film build. It is highly resistant to common foot traffic, solvents, cleaners, de-icing salts, and degradation from ultraviolet light.

It dries quickly, and is an ideal abrasion resistant protective topcoat over chemical or polymeric stains. It will accept supplemental coats of industrial floor wax common to industrial floor maintenance schedules.

USES

Use as an economical standalone sealer, or as part of a maintenance system to add a more permanent basecoat beneath commercial waxes used to create ANSI, ASTM, NFSI, and UL traction standard floors.

- Use to seal foyers, entries, hallways, restrooms, food courts, grocery stores, and walkways.
- Add abrasion and stain resistance to overlays.
- Prevent dusting of new or aging concrete.
- Enhance the color and seal acid stained floors.
- Lock in color of antiquing stamp release and stains.

PRODUCT INFORMATION

Chemical Base	Self-crosslinking acrylic copolymer, 16% solids
Packaging	1-gallon (3.8L) cans or 5-gallon (19L) pails.
Appearance / Color	CEMENTONE® Clear Sealer is a clear semi-gloss coating that will increase in

CHARACTERISTICS / ADVANTAGES

- Low odor water based formulation.
- Self-Crosslinking resin system delivers superior stain, abrasion, and chemical resistance.
- Exterior durable and UV light stable.
- Apply by brush, roller, or spray.
- Will not gum or spider-web in hot conditions.
- Economical basecoat for commercial wax systems

APPROVALS / STANDARDS

CEMENTONE® Clear Sealer can be used to make floors that exceed the Underwriters Laboratories Safety Standard UL 410, "Slip Resistance of Floor Surface Materials."



gloss as subsequent coats are applied.

Shelf Life

2 years from date of manufacture.

Storage Conditions

Store at 40°F to 120°F (4°C - 49°C). DO NOT FREEZE!

APPLICATION INSTRUCTIONS

If using spray equipment, always wear protective respirator, and mask adjacent areas to protect property from overspray. Dried material will be difficult to remove. Remove overspray immediately with soap and water.

Coverage Rates

Coverage will vary depending on the porosity and texture of the surface, surface preparation, and application technique. Typical coverage rate is 300–400 ft² per gallon (7.4–9.8 m²/L) and will yield a dry film thickness of 0.6 - 0.5 mils. Porous, broom or textured finishes will require more sealer. Second coat application, coverage of 600-800 ft²/gal (14.8–19.6 m²/L) is typical.

Equipment

Apply CEMENTONE® Clear Sealer by brush, roller, HVLP, airless, or pump-spray application. Always wear protective clothing and equipment proper for the method of application. If using a roller, use a quality 3/8" knap with tapered edges.

Spray applicator Guidelines:

Pump Garden Sprayer: Use conical tip.

Airless spray: 1500–2500 psi (10–17 MPa) fitted with a fan tip of 0.013–0.015 inches (0.33–0.46 mm).

HVLP spray: 5–40 psi (35–275 kPa)

SURFACE PREPARATION

When used as a Sealer, Dust Proofer, or Floor Wax Basecoat

Used on cured concrete at least 7 days old. Surfaces must be dry and clean of all prior sealers, curing compound, oils, or other foreign materials that might prevent penetration or adhesion, and meet a Concrete Surface Profile (CSP) of 1, as determined by the International Concrete Repair Institute, (ICRI) , Alexandria, VA. Grind, acid etch, power wash, or scrub surfaces with stiff bristle brushes and strong detergents to remove these undesired materials and any loose concrete laitance that may harm adhesion. Always rinse older concrete surfaces and allow them to completely dry prior to application.

If used over solvent based stain, stain should be allowed to cure a minimum of 12 hours to allow solvents to evaporate.

If used over chemical stain, or surfaces acid etched, the surface must be neutralized and rinsed thoroughly prior

to application. Failure to do so can cause product temporarily blush white before drying clear.

Mixing

CEMENTONE® Clear Sealer is milk white and will look like a heavy cream. Mix until it is uniform consistency and appearance prior to use.

Jobsite Test Sections

Verify and approve suitability and appearance by making jobsite test sections prior to general application. Each individual concrete color, finishing technique, and sealer combination should be verified. Test sections must be of adequate size to be representative and be produced by the same workers who will apply product to the larger job. Test completed systems for wet and dry slip resistance to ensure they are safe. Do not proceed with products, techniques, or finishing systems that do not meet required safety specifications or site owner approval.

Application

Mask all areas not to be coated to safeguard against splashes, overspray, and runoff from application. Wear all required safety equipment. Take care not to allow tape adhesive to interfere with surfaces to be coated. Product may appear lighter in color until dry.

Distribute product with a pump garden sprayer fitted with a conical tip, followed by back rolling with a quality 3/8" knap roller. Roll in multiple directions to ensure product penetrates into concrete cracks, joints, and pores. Take care not to create lap marks as they cannot be removed once the product has dried.

Dry times will depend upon the selected coverage rate, penetration into the substrate, and weather conditions. At 70°F (21°C) and 50 % relative humidity with an application rate of 400 sq. ft. per gallon (9.8 m²/L), dry to touch and recoat times of 1–2 hours are expected. Avoid foot-traffic for a minimum of 12 hours after final application.

Cleaning of Equipment

Clean equipment with warm water and detergent immediately after application.

AVAILABILITY/WARRANTY

Availability

CEMENTONE is marketed internationally through strategically located dealers, and representatives. Scofield offers a complete line of engineered systems for coloring, texturing, and improving performance of

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architectural concrete. These include coloring admixtures, color hardeners, colored cementitious toppings, stains, curing compounds, sealers, coatings, repair products and texturing tools. Visit the Scofield website at www.scofield.com for further information.

LIMITATIONS

CEMENTONE® Clear Sealer is not designed for immersion service, or for use on surfaces subjected to reverse hydrostatic pressure. Use only on concrete that is above grade or on ground that is well-drained. Do not use on concrete slabs placed on damp ground, or on concrete that will be constantly exposed to moisture.

Do not apply when air or surface temperatures are below 45 °F (7 °C), or rain, dew, or surface condensation is expected within 4 hours of application. **Do not allow material to puddle or build-up in cracks or joints during application.**

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.
VOC = 98 g/l

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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