



COLORCURE® Concrete Sealer

A color-matched, low VOC, environmentally sound, two-component curing and sealing system for freshly placed concrete flatwork, and an effective sealer for maintaining colored or uncolored concrete floors.

TECH-DATA BULLETIN A-634.08

1. Product Description:

COLORCURE® Concrete Sealer is a two-component, color-matched system that enhances the appearance of new or existing concrete. It produces a low-maintenance, easy-to-clean film that improves resistance to abrasion, many chemicals, weather, and deicing salts. COLORCURE Concrete Sealer is a high-quality curing and sealing membrane that complies with stringent air-quality regulations.

Developed for curing and sealing new interior or exterior concrete flatwork, COLORCURE Concrete Sealer is recommended for use where color uniformity is desired and regular maintenance is planned. As a curing compound formulated to enhance color development, it retains moisture throughout the entire curing cycle to provide proper strength gain and to reduce shrinkage. As a sealer COLORCURE Concrete Sealer is helpful in preventing concrete dusting and reducing surface staining from materials such as automotive grease, oil, and food spills.

As a sealer for refurbishing older colored, chemically stained, or uncolored concrete flatwork, color-matched COLORCURE Concrete Sealer significantly restores the depth of colors and minimizes the appearance of minor superficial scratches, while offering an easy-to-maintain, low-gloss finish with improved stain resistance.

COLORCURE Concrete Sealer is a low VOC, environmentally sound, green building material. It may contribute to earning LEED® credits for Indoor Environmental Quality, EQc 4: Low-Emitting Materials, based on low contribution of VOC. See the current *Material Safety Data Sheet* for exact VOC documentation.

2. Coverage:

COLORCURE Concrete Sealer must be applied full strength without thinning by airless sprayer or roller. On flat interior floors only, a rotary floor machine or SCOFIELD® Sealer Applicator may be used. The coverage will vary depending on the method of application and the porosity and texture of the surface. Two coats, a first cure coat and a second seal coat, are required on new concrete. On untreated or stripped concrete two seal coats are required. One coat is usually sufficient on concrete previously sealed with COLORCURE Concrete Sealer. Three coats are required when applied to flat interior floors with a rotary floor machine.

For application by airless sprayer, the recommended coverage rate per coat is 300–400 square feet per gallon (7–10 m²/L).

For sealing applications by roller, the recommended coverage rate per coat is 300–500 square feet per gallon (7–12 m²/L).

For application by rotary floor machine on flat interior floors only, three coats are required at the recommended coverage rate per coat of 1000 square feet per gallon (25 m²/L).

For sealing applications by SCOFIELD Sealer Applicator on flat interior floors only, the recommended coverage rate for the first coat is 400–600 square feet per gallon (10–15 m²/L). The recommended coverage rate for additional or maintenance coats is 600–800 square feet per gallon (15–20 m²/L).

3. Limitations:

If either component, Part A (Color Additive) or Part B (Base) is omitted or not completely used or if another manufacturer's material is substituted or added, curing and sealing failure will occur. While liquid, COLORCURE Concrete Sealer must be protected from freezing. Once frozen and thawed, it must not be used.

Since it is not opaque, COLORCURE Concrete Sealer cannot be used to change the color of concrete or to cover construction errors. To minimize appearance variations from substrate show-through, especially as the product is worn off the surface, a matching color to that of the concrete should be chosen.

When used on concrete color-conditioned with CHROMIX® Admixtures for Color-Conditioned® Concrete, COLORCURE Concrete Sealer applied in the same color may not produce an identical match. CHROMIX colors of COLORCURE Concrete Sealer are matched to Scofield's Color Chart A-312 *CHROMIX Admixtures for Color-Conditioned Concrete*, which approximates the color of color-conditioned, broom-finished concrete flatwork made with a medium-gray cement and cured with LITHOCHROME® Colorwax™ or COLORCURE Concrete Sealer. Since concrete color is altered by many factors, including cement color, sand color, slump, finishing practices, and curing method, representative jobsite samples using the contemplated materials and construction techniques must be produced and approved prior to general application.

COLORCURE Concrete Sealer must only be used on concrete that is placed on a well-drained subgrade and is not subject to hydrostatic pressure. Alkali or hard-water deposits may form on or under the product at edges, cracks, joints, depressions or other locations where water collects or enters the concrete substrate. Potted plants or other damp objects may leave deposits, stains, or discolorations if allowed to remain on the sealed concrete for an extended period of time.

Due to greater retention of moisture in the slab, COLORCURE Concrete Sealer should not be used to cure or seal concrete that contains reactive aggregates since the possibility of pop-outs will be increased.

WARNING!

COLORCURE Concrete Sealer must only be used in thin coats on surfaces adequately textured for slip resistance. Unless the surface was previously sealed with COLORCURE Concrete Sealer, it must be porous to allow penetration. If applied improperly or too heavily, the surface may whiten, peel, or become slippery, particularly on pool decks or other areas where water may remain on the surface.

TEST SECTION

Sealing concrete flatwork takes skill and practice. Prior to general application, a representative jobsite test section must be prepared and sealed to verify and approve suitability, proper surface preparation methods, adhesion, safety, performance, wet and dry slip resistance, application techniques, and coverage.



COLORCURE Concrete Sealer should not be used in areas subject to continuous water submersion or chemical exposure, concentrated abrasion and scratching, or metal-wheeled traffic. On areas subject to forklift traffic, the use of nonmarking tires is recommended to avoid unsightly black tire marks. Unless it is to be stripped later, COLORCURE Concrete Sealer should not be used in areas that require the application of adhesives for floor coverings.

COLORCURE Concrete Sealer must be applied evenly or lap marks and gloss variations will be visible.

COLORCURE Concrete Sealer must be allowed to dry completely before it is subjected to temperatures below 42° F (6° C) or to water from any source. Waterborne sealers that are applied to improperly prepared surfaces, applied too heavily, allowed to puddle in joints and indentations, or that cannot dry properly may become sensitive to water. Adhesion failure or whitening and softening of the product may result. Application must not be made on surfaces previously treated with a water or stain repellent.

COLORCURE Concrete Sealer is a high-quality curing and sealing formulation and, like all such products, will require periodic maintenance and reapplication. Spills should be removed promptly and floors cleaned regularly to minimize possible staining and damage to the sealer.

4. Composition and Materials:

COLORCURE Concrete Sealer is a proprietary, two-component, modified methyl-methacrylate, waterborne emulsion.

5. Applicable Standards and Building Codes:

COLORCURE Concrete Sealer conforms to the moisture retention requirements of ASTM C 309 *Liquid Membrane-Forming Compounds for Curing Concrete*. The curing of colored flatwork is discussed in ACI 302.1R *Guide for Concrete Floor and Slab Construction*, which recommends against the use of plastic sheeting and curing paper for this purpose since they cause discoloration and mottling.

COLORCURE Concrete Sealer complies with applicable air quality management regulations.



Floor coating and finishing material as to slip resistance only. 6L90

6. Colors:

COLORCURE Concrete Sealer is available in colors to match all colors depicted on Scofield's Color Charts A-312 *CHROMIX Admixtures for Color-Conditioned Concrete*, A-112 *LITHOCHROME® Color Hardener, A-132 Color Selection Chart*, and A-412 *LITHOCHROME® Chemstain™ Classic*. It is also available in A-11 Concrete Gray that approximates the color of uncolored concrete made with medium-gray cement. Custom colors can be manufactured for use with custom colors of CHROMIX Admixtures, LITHOCHROME Color Hardener, or EMERCHROME® Floor Hardener, as well as for CHROMIX Admixtures when the use of white cement, or unusually light or dark cements, causes colors to vary from those shown on the color chart. Contact your SCOFIELD representative for minimum quantity requirements, pricing and lead times.

7. Sizes:

COLORCURE Concrete Sealer is available in two-component, 1-gallon (3.8 L) and 5-gallon (18.9 L) kits consisting of the color additive (Part A) and the base (Part B), packaged separately.

8. Storage and Shelf Life:

When stored indoors in the original unopened containers and protected from freezing and extreme heat, the shelf life of COLORCURE Concrete Sealer is at least 1 year from the date of purchase. Inventory must be rotated to maintain product that is within shelf life limits. Some separation occurs during storage that is easily reincorporated when power-mixed before using.

9. Textures and Slip Resistance:

Only uniformly slip-resistant concrete surfaces, such as broomed, swirl or sponge floated, sandblasted, acid-etched, or most imprinted concrete, should be considered for application. Textures that are not slip resistant must be roughened by some texturing method such as acid etching, sandblasting, or machine scarifying. On flat interior floors extra precautions should be taken to ensure that the surface is not slippery.

For safety considerations, a representative jobsite test section must be prepared and sealed prior to general application and the entire surface inspected after completion to verify and approve the adequacy of wet and dry slip resistance.

10. Chemical Resistance and Staining:

Chemical resistance may vary depending on the condition of the concrete substrate, curing techniques, surface preparation, method of application, the length of time the chemical remains on the surface, and other factors. When chemical protection is required or resistance to staining is important, a representative test application should be made on the jobsite substrate to determine if the product has suitable resistance. After the test application of COLORCURE Concrete Sealer has fully cured, a minimum of 14 days, the chemical in question should be applied and left on the surface for the maximum possible time it would remain under the expected conditions of service.

11. Cautions:

WARNING!

MAY CAUSE EYE, SKIN, AND RESPIRATORY TRACT IRRITATION. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. Contains Ethoxylated Acetylenic Diols. Use only with adequate ventilation. Do not breathe vapors or spray mist. Do not get in eyes, on skin or clothing. Ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear a properly fitted P100/organic vapor respirator (NIOSH TC-84A approved) during and after application. Follow respirator manufacturer's directions for respirator use.

First Aid: Eyes—DO NOT RUB EYES. FLUSH IMMEDIATELY WITH WATER. Hold eyelids apart while flushing material out thoroughly with large amounts of water. Skin—Wash thoroughly with soap and water. Remove soiled clothing and footwear and wash before reuse. Inhalation—Move to fresh air. If symptoms persist or develop or if ingested, get medical attention.

Wash thoroughly immediately after handling. Close container after each use. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Do not reuse empty container. Before using or handling, read the *Material Safety Data Sheet and Warranty*.

12. Equipment for Preparation and Application:

When using equipment and materials during preparation and installation, suitable protective gear must be worn and government regulations, manufacturer's instructions, and all applicable safety requirements must be followed.

The use of a pressure washer, a rotary floor machine, or a walk-behind scrubbing machine will facilitate surface preparation. An airless sprayer is required for all curing-membrane applications. An airless sprayer or roller should be used for most sealing applications. When sealing flat interior floors, a rotary floor machine or SCOFIELD Sealer Applicator is recommended.



Hand-pump sprayers are not recommended for general application because they cannot be used to apply the material uniformly. However, a hand-pump sprayer may be used to apply COLORCURE Concrete Sealer prior to scrubbing with a rotary floor machine on wet-scrub applications. All equipment should be rinsed regularly with water and periodically washed with soap and water.

For preparation, the pressure washer must be equipped with a fan tip and have a minimum pressure capability of 2000 psi (14 MPa). Hot water capability may facilitate cleaning of existing concrete. Nonmarking hoses are helpful.

For preparation and for wet-scrub applications on flat interior floors, the rotary floor machine must be heavy duty and operate at approximately 175 rpm. It may be equipped with brushes or with a pad-driver that securely holds the pads in place.

For cleaning or stripping, a stiff-bristled bassine or nylon scrub brush is recommended. On flat interior floors, blue scrubbing or black stripping pads may be required. A walk-behind scrubbing machine should be considered for cleaning larger areas.

For wet-scrub applications on flat interior floors a white buffing pad is recommended. A good-quality, soft-bristled polishing brush, such as one with a mixture of palmyra and tampico fibers, may also be used and is required for uneven floors. Use a hand-pump sprayer to apply COLORCURE Concrete Sealer to the floor before scrubbing with a rotary floor machine.

For mixing, a metal mixing paddle fitted onto a slow speed drill and with a metal shaft long enough to reach the bottom of the container must be used. Hand mixing can result in color defects and performance failure and is not recommended.

For general application, the airless sprayer must be of professional quality with a variable output fluid pressure of 1500–2500 psi (10–17 MPa). The sprayer must be fitted with a fan tip of 0.013–0.018 inches (0.33–0.46 mm).

For application as a sealer by roller, the roller must be short-napped with a maximum pile depth of $\frac{3}{8}$ inch (10 mm), of professional quality, and a suitable size. An adequate supply of refill rollers should be available so they may be changed whenever necessary. Brushes and long-napped rollers are not recommended because they cannot be used to apply the material uniformly.

For application as a sealer by SCOFIELD Sealer Applicator on flat interior floors only, the applicator must be in good condition to ensure that the sealer is applied at a uniform thickness and that even coverage is obtained. An adequate supply of refill covers should be available so they may be changed whenever necessary. SCOFIELD Sealer Applicators for general application and SCOFIELD Sealer Trim Applicators for application on small areas are available from Scofield.

13. Preparation:

Before sealing concrete surfaces that have not been previously sealed with COLORCURE Concrete Sealer, all dirt, oil, and grease must be completely removed. Coatings and curing membranes must be stripped. Failure to remove all contaminants and coatings that impede the penetration of the initial coat of COLORCURE Concrete Sealer into the concrete will cause appearance defects, adhesion loss, peeling, and reduced durability. Water-based sealers must not be applied over a surface previously treated with a water or stain repellent.

During cleaning and stripping, all surrounding areas should be closed to traffic, roped off, and protected. Testing should be performed to verify that the cleaning or stripping methods and materials will not damage the concrete.

To reduce hard-water and alkali deposits, sprinklers and fountains should be adjusted to avoid wetting the surface. In hard water areas, soft water should be considered for use in water features. Construction joints should be sealed with LITHOSEAL™ Trafficalk 3G™, a high quality, color-matched joint sealant for areas subject to pedestrian and vehicular traffic. Information about designing and sealing joints is available in Scofield's Tech-Data Bulletin *S-404-3G LITHOSEAL Trafficalk-3G*.

All washed or wet areas must be allowed to dry thoroughly before application of COLORCURE Concrete Sealer.

Newly placed concrete cured with COLORCURE Concrete Sealer should receive an additional seal coat in the matching color. Before application of the seal coat, the moisture content of the concrete must be low enough so alkali and other salts do not become trapped beneath the sealer causing discoloration or clouding, normally 14–28 days after placement.

Immediately prior to applying the seal coat, the concrete must be thoroughly cleaned. The surface should be swept, and then pressure washed or scrubbed using a rotary floor machine. Use of a high-quality commercial detergent will facilitate cleaning. Additional preparation methods are described below. The surface must be rinsed after cleaning until the rinse water is completely clean. After drying, it should be inspected closely, and additional general or spot cleaning and rinsing should be performed if necessary.

After the surface is completely dry, wear paths, scratches, scrapes, and other areas where the cure coat has been removed by wear or cleaning should be spot-sealed using a fine-bristle brush or airless sprayer to apply and feather the COLORCURE Concrete Sealer into the surrounding unmarred surface. Significantly stained, mottled, or damaged sections should be stripped and resealed. Mottled areas may also require acid washing after stripping to remove alkali deposits. These may form under the cure coat when application is made to concrete that contained excessive water when placed or where there was an unusual subsurface moisture condition. All spot-sealed or resealed sections should be allowed to dry thoroughly before application of the second coat.

Existing concrete must be uniformly and adequately textured for slip resistance as described in section 10. *Textures and Slip Resistance*. The COLORCURE Concrete Sealer must be as nearly as possible the same color as the concrete substrate.

Before application of the seal coat, concrete not cured with or previously sealed with COLORCURE Concrete Sealer must be cleaned completely so that the surface is porous to allow penetration. An indication of whether the concrete is penetrable can be obtained by spotting the surface with water. The water should immediately darken the substrate and be readily absorbed. If the water beads and does not penetrate or only penetrates in some areas, additional surface preparation and testing must be performed.

The cleaning method to be used depends on the surface finish and the condition of the concrete. Detergents, paint removers, or other commercial cleaners should be considered and tested, following the manufacturer's instructions and safety requirements. Pressure washing or scrubbing with a rotary floor machine is normally required. After cleaning, the surface must be rinsed to remove any remaining residue. Rinsing should continue until the rinse water is completely clean. Wet vacuums may be helpful to remove dirty water particularly from interior floors. After drying, the surface must be carefully inspected and retested for penetrability. Additional general or spot cleaning and rinsing should be performed if necessary.



Acid washing may be required when the above surface preparation does not yield adequate penetration or if there are excessive alkali deposits or surface discoloration. Since acid washing may affect the appearance or uniformity of the color, a representative area should first be tested. After preparation as described above, the surface should be acid washed using a solution of one part muriatic acid (20° Baume or 31.4% hydrochloric acid) to 20 parts water. Proper protective gear as recommended by the acid supplier must be worn. The reacted residue must be scrubbed using a low-speed floor machine equipped with a black pad and then thoroughly rinsed until the rinse water is clear and free of solids, a minimum of two times. After rinsing, neutralize the surface by washing with a solution of baking soda (sodium bicarbonate) and water, using 1 pound of baking soda per 5 gallons of water (454 g/19 L). Apply the solution until it stops fizzing. After neutralization, the surface must be rinsed thoroughly with clean water several times to remove soluble salts. Rinsing must continue until the rinse water is clean. Rinse water must be removed with a wet vacuum; rinse water left on the surface to evaporate may cause efflorescence. After rinsing is complete, a pH test must be performed using pH paper, litmus paper or a properly calibrated surface pH meter. A pH value of 7 or higher indicates that all acid has been neutralized. If the tested pH value is below 7 the neutralization step outlined above must be repeated until a pH value of 7 or more is obtained. After drying, the surface must be retested for penetrability as described above. Additional acid washing and rinsing must be performed if necessary.

All applicable federal, state, and local safety, disposal, and other regulations, including OSHA, must be followed.

■ 14. **Mixing:**

COLORCURE Concrete Sealer is a two-component material supplied as a kit consisting of Part A (Color Additive) and Part B (Base), packaged in separate containers. The entire contents of both containers must be used and the mixing of partial kits should not be attempted.

Using the equipment described in section 12. *Equipment for Preparation and Application*, Part B (a milky liquid) should be power-stirred and while stirring continues, the entire contents of Part A (a colored liquid) should be added. The sides and bottoms of the Part A container must be thoroughly scraped to remove all of the color additive. Power mixing should continue until a uniform consistency and a streak-free color is reached. During mixing, the paddle should be moved up and down and around the sides of the container, but should always remain below the surface of the liquid so that air will not be trapped.

After combining the components, material from different containers should be mixed together (boxed) to minimize the possibility of color variation. If protected from freezing and extreme heat, COLORCURE Concrete Sealer may be premixed and stored in closed containers without reduction in shelf life until needed for use. It must be mixed again immediately prior to use.

■ 15. **Application Procedure:**

All surfaces must be prepared as described in section 13. *Preparation*. Surrounding areas, landscaping, and adjacent surfaces must be masked or protected from overspray, spills, tracking, and equipment contact. The work area should be roped off, nearby vehicles removed, and appropriate sections closed to traffic. The surface should be divided into work sections using walls, joint lines, or other stationary features as natural stopping points. This allows for easier control of coverage, wet edge, and overlap.

Immediately prior to use, the liquid material must be thoroughly power-mixed as described in section 14. *Mixing*. Application must be made full strength (unthinned) at the coverage rate recommended in section 2. *Coverage* using the equipment described in section 12. *Equipment for Preparation and Application*. COLORCURE Concrete Sealer will appear lighter when wet, but will dry to the proper color.

COLORCURE Concrete Sealer must be applied thinly and uniformly. A wet edge should be maintained, and overlap controlled. Material should not be overapplied or allowed to puddle or collect in joint indentations. A brush or rag should be kept available to brush out or mop up excess material.

COLORCURE Concrete Sealer must be allowed to dry completely, normally 12–48 hours, before it is subjected to temperatures below 42° F (6° C) or to water from any source, such as hoses, sprinklers, condensation, or rain.

All surfaces should be thoroughly inspected to verify and approve installation and safety, including wet and dry slip resistance, before opening the area to traffic. Cured or sealed surfaces should be protected from damage by other trades. Contaminants such as cutting oil will stain the surface and heavy objects dropped or dragged will abrade it.

■ 16. **Application as a Curing Membrane:**

The concrete must be uniformly and adequately textured for slip resistance as described in section 10. *Textures and Slip Resistance*. Newly placed concrete should be colored when placed by using CHROMIX Admixtures, LITHOCHROME Color Hardener, or EMERCHROME Floor Hardener, and then cured with COLORCURE Concrete Sealer. Freshly placed concrete is darker in color than it will be when fully cured. COLORCURE Concrete Sealer is formulated to match the color of concrete after curing.

The curing membrane must be applied uniformly with an airless sprayer as soon as the surface of the concrete has sufficiently set so that it can be walked on gently without marring, the surface moisture has evaporated, and no condensation or sweating can occur. During application, all surfaces must be in approximately the same state of hardening.

During cold, foggy, or damp weather or periods of significantly falling temperatures, the concrete may sweat or condensation may form on the surface, thereby preventing the curing membrane from drying and adhering properly. Application of the membrane should be made when condensation ceases, usually from 24–48 hours after placement, and when temperatures will not fall below 42° F (6° C). When interior heat is required, air heaters that vent exhaust flue gases to the outside, not salamanders, should be used to avoid concrete carbonation resulting from carbon dioxide buildup. Temperatures and humidity should be moderate and consistently maintained.

The curing surfaces should not be walked on for a minimum of 12 hours after application. Freshly placed colored concrete should not be covered with plastic sheeting or waterproof paper. If additional protection is absolutely required, the curing surfaces should remain uncovered for a minimum of 4 days, after which time new and unwrinkled, nonstaining, reinforced kraft curing paper that conforms to ASTM C 171 *Sheet Materials for Curing Concrete* may be used. The use of plastic sheeting for protection is never recommended. When protection from plastering is required, the kraft paper should be removed at the end of each day, the concrete cleaned of all plaster and plaster-water residue, and the paper reinstalled the next morning if necessary.

■ 17. **Application as a Concrete Sealer:**

All surfaces must be cleaned and prepared for sealing as described in section 13. *Preparation*.

On untreated or stripped concrete two seal coats are required. On newly placed concrete cured with COLORCURE Concrete Sealer, one seal coat is normally sufficient unless the cure coat was stripped or removed by aggressive cleaning, then two coats are recommended. Application of more than two spray coats is not normally recommended. If required, an additional seal coat may be applied to flat interior floors with a rotary floor machine or SCOFIELD Sealer Applicator.



An airless sprayer or roller is recommended to seal most concrete surfaces. An airless sprayer produces an abrasion-resistant application with a low-gloss finish. Curbs and risers are easily spray coated.

On flat interior floors, use of a SCOFIELD Sealer Applicator is recommended. It produces an easy to apply, wear-resistant, low gloss finish. The sealer must be spread thinly and evenly as far as possible without leaving streaks.

Alternatively on flat interior floors, a rotary floor machine may be used to wet-scrub the liquid COLORCURE Concrete Sealer into the surface, producing a low-gloss finish that is attractive and durable. Working in small sections, the sealer should be applied just ahead of the floor machine using a hand-pump sprayer and immediately scrubbed in while wet. Matching risers and curbs may be coated and the wet sealer scrubbed in by hand.

Seal coats should be applied on a calm day when concrete and ambient temperatures are between 50 and 90° F (10–32° C) and will not fall below 42° F (6° C). Application should not be made during rainy, foggy, or very humid weather when water condensation forms on the surface. On hot, dry days, application should be made during the cooler part of the day and when the concrete is in the shade.

The second coat should be applied after the first coat is tack-free, normally from 2–24 hours after application depending on temperature and humidity. For a more even spray application, the second coat should be applied at 90 degrees to the direction of the first coat. If desired on flat interior floors, a rotary floor machine or SCOFIELD Sealer Applicator may be used to apply the second coat over an initial spray-applied first coat.

The sealed surfaces will be tack-free after approximately 1–2 hours at a temperature of 75° F (24° C) and 50% relative humidity. Under these conditions, the surface may be walked on gently after a minimum of 4 hours. After the COLORCURE Concrete Sealer is completely dry, the area may be opened to light use after a minimum of 24 hours and to general use after a minimum of 72 hours. COLORCURE Concrete Sealer gains strength over the first several days after application. Longer drying times will be necessary if temperatures are lower or the humidity is higher.

■ 18. Maintenance, Resealing, and Removal:

All maintenance and removal methods should be tested, and all surrounding areas should be closed to traffic, roped off, and protected.

Interior floors sealed with COLORCURE Concrete Sealer should be maintained by using a compatible, slip-resistant, emulsion-type, commercial floor finish following the manufacturer's instructions and safety requirements. Recommendations can be obtained 24 hours a day by phoning the JohnsonDiversey hot line at (800) 558-2332.

A maintenance application of COLORCURE Concrete Sealer should be made periodically as the sealer is worn off the surface. The need for maintenance applications will be accelerated in areas of heavy use or that receive frequent or aggressive cleaning. It is not necessary to strip the previously applied COLORCURE Concrete Sealer unless film buildup is heavy or the surface cannot be cleaned sufficiently. Previously applied floor finish should be completely removed following the manufacturer's instructions and safety requirements. All dirt and contaminants must be completely removed, and the surface thoroughly rinsed and allowed to dry. Wear paths, scratches, scrapes, and other areas where the sealer has been removed by wear or cleaning should be spot-sealed with COLORCURE Concrete Sealer, using a fine-bristle brush or airless sprayer and feathering the sealer into the surrounding surface. After the spot-sealed areas are completely dry, COLORCURE Concrete Sealer may be reapplied and slip resistance verified, following the instructions in section 17. *Application as a Concrete Sealer.* Care must be taken so that excessive buildup of the sealer does not occur, thereby reducing durability and slip resistance.

When complete removal of COLORCURE Concrete Sealer is necessary, use LITHOCHROME™ Coating Remover. Scrubbing with a rotary floor machine equipped with a stiff-bristled bassine or nylon brush, or on flat interior floors a black stripping pad, will facilitate removal. Abrasive stripping may wear away softer concrete and test areas are recommended. Multiple applications of remover may be required. Additional information is available in Scofield's Tech-Data Bulletin *M-544 LITHOCHROME Coating Remover*. After stripping, the concrete surface must be thoroughly rinsed and allowed to dry. COLORCURE Concrete Sealer should then be reapplied and slip resistance verified following the instructions in section 17. *Application as a Concrete Sealer.*

■ 19. Availability:

COLORCURE Concrete Sealer is marketed nationwide and internationally, directly to the user and through strategically located warehouses, dealers, and representatives. Contact Scofield for its nearest representative.

Scofield offers a complete line of engineered systems for coloring, texturing, and improving performance in architectural concrete. Scofield Systems address specialized requirements for interior, exterior and vertical uses with compatible systems of complementary products including 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.

■ 20. Warranty Summary:

For the complete warranty statement and important limitations, read the *Material Safety Data Sheet and Warranty*. Generally, Scofield represents and warrants only that its products are of consistent quality. No other oral or written statement is authorized. Any liability is limited to refund or replacement of defective product. The end user shall determine product's suitability and assume all risks and liability.



Suggested Short Form Specification for Curing and Sealing Concrete Flatwork:

All concrete flatwork designated as colored in the plans and specifications shall receive a cure (*or seal*) coat and a seal (*or additional seal*) coat of COLORCURE® Concrete Sealer in _____ color (matching the designated concrete color), manufactured by L. M. Scofield Company, (800) 800-9900, Los Angeles, CA, (323) 720-3000 and Atlanta, GA, (770) 920-6000. COLORCURE® Concrete Sealer shall be applied full strength in accordance with Tech-Data Bulletin A-634.



1 800 800 9900 or www.scofield.com

SCOFIELD PRODUCTS ARE INTENDED FOR PROFESSIONAL USE ONLY

■ L. M. Scofield Company customer service: 1 800 800 9900

Western Headquarters: 6533 Bandini Blvd., Los Angeles, CA 90040 **voice:** 323 720 3000 **fax:** 323 720 3030

Eastern Headquarters: 4155 Scofield Road, Douglasville, GA 30134 **voice:** 770 920 6000 **fax:** 770 920 6060

www.scofield.com