

MER-KO®
by westcoat

**CONCRETE
OVERLAY**

MER-KO®

CONCRETE OVERLAY SUBMITTAL PACKAGE

DIVISION 7 – THERMAL AND MOISTURE PROTECTION
SECTION 07 18 13 PEDESTRIAN TRAFFIC COATINGS
CONCRETE SURFACES

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SYSTEM BROCHURE

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Concrete Overlay System

Resurfaces Worn Concrete on Walkways, Pool Decks, and Driveways

Mer-Ko has been producing widely used deck coatings for over 40 years. The Concrete Overlay system is designed to resurface and transform plain exterior concrete into a decorative, durable, and textured finish and can be installed in both commercial and residential areas.

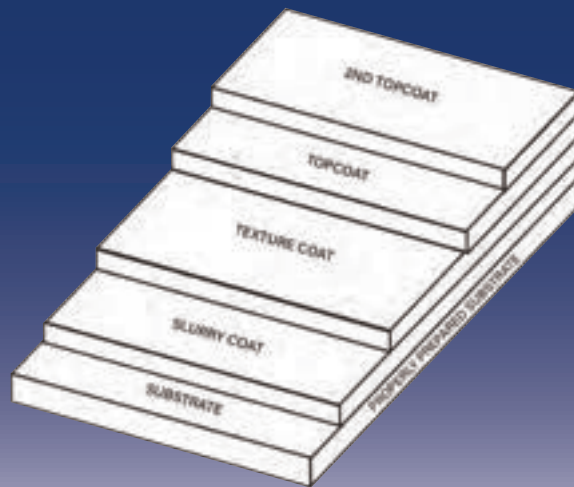
Specify Mer-Ko today. Learn more at mer-ko.com.



About Concrete Overlay

Concrete Overlay can be installed over properly prepared concrete substrates, starting with a slurry coat, a texture coat, and then two topcoats for added protection and aesthetic appeal. Mer-Ko's Concrete Overlay system provides unlimited designs to achieve your dream look with a variety of colors, patterns, textures, and finish options available. Optional slip-resistance topcoat additives can further increase safety overall. This low-maintenance and long-lasting flooring system is perfect for areas where resurfacing is desired, such as driveways, walkways, patios, courtyards, entryways, and pool decks.

Concrete Overlay System Overview



Advantages:

- Cost-Effective
- Fast-Drying
- Low Maintenance
- Long Lasting
- Solvent-Free
- Skid-Resistant Finishes Available
- 9 Standard Colors
- Attractive
- Low VOC
- Low Odor
- Variety of Textures and Patterns
- Just Add Water

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SYSTEM SPECIFICATION SHEET

TOTAL FINISHED THICKNESS

1/16" - 1/8"

MATERIALS NEEDED

- MK-52 Mer-Ko Epoxy Patch Gel
- MK-72 Mer-Ko Seam Tape
- MK-50 Mer-Ko WB Epoxy
- MK-5 Shur Deck Cement
- MK-40 Mer-Ko Topcoat

USES/APPLICATIONS

- Driveways
- Walkways
- Patios
- Courtyards
- Entryways
- Pool Decks

SUBSTRATES

The Concrete Overlay System can be installed over properly prepared concrete substrates.

SYSTEM DESCRIPTION

Mer-Ko Concrete Overlay System is a series of cementitious coatings that are bonded to the concrete with a variety of optional textures and colors. The Mer-Ko Concrete Overlay System is a decorative topping designed to change plain concrete into a very decorative, durable and textured finish. Mer-Ko Concrete Overlay System was created to resurface exterior concrete. This system can be used to protect existing concrete, increase slip-resistance, as well as transform unsightly or unattractive concrete. Some uses include: driveways, walkways, patios, courtyards, entryways and pool decks.

ADVANTAGES

- Cost-effective
- Fast drying
- Low maintenance
- Long lasting
- Solvent-free
- Skid-resistant finishes available
- 9 Standard colors
- Attractive
- Low VOC
- Low odor
- Variety of textures and patterns
- Just add water

AESTHETIC FINISHES/TEXTURES

Traditional trowel and broom finishes are available. In addition, design options such as skip trowel texturing, trowel knock-down, stippling, stenciling, etc. are also available. This wide array of finish options provides unlimited aesthetic design.

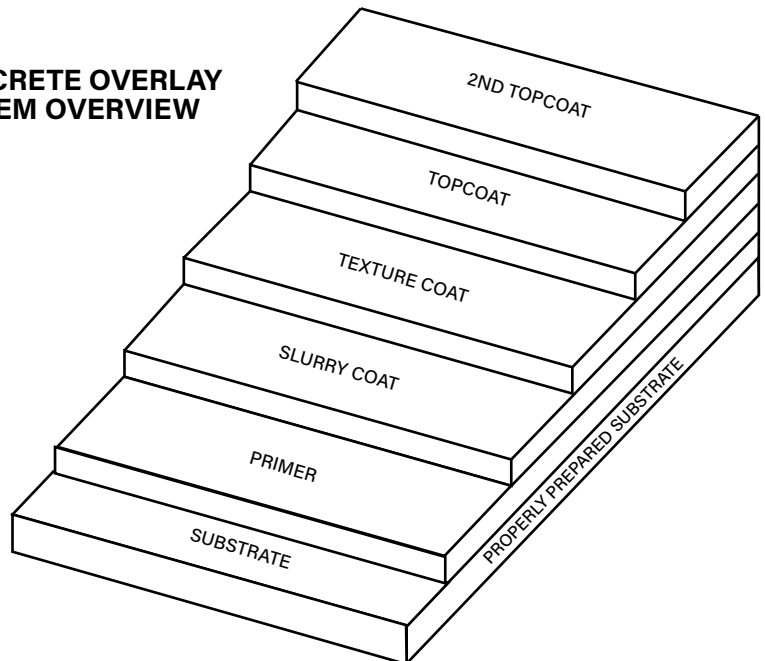
SKID-RESISTANCE

Skid-resistance can be increased by applying a knock down or orange peel type of texture. In conjunction, the use MK-86 Mer-Ko Slip Resistant Additive is recommended with the application of the Topcoat, to enhance skid-resistance.

COLORS

MK-40 Mer-Ko Topcoat is available in 9 colors and features a semi-gloss sheen. Refer to the Mer-Ko Color chart for color selections.

CONCRETE OVERLAY SYSTEM OVERVIEW



COVERAGES

Coverage rates are approximate only and can vary greatly due to surface conditions, humidity, temperature and installation techniques.

PRIMER

MK-50 Mer-Ko WB Epoxy
250-350 ft² / gallon

SLURRY COAT

MK-5 Shur Deck Cement
100-150 ft² / 50 lb. bag mix

TEXTURE COAT

MK-5 Shur Deck Cement
150-200 ft²/50 lb. bag mix

TOPCOAT (Two Coats)

MK-40 Mer-Ko Topcoat
1st Coat - 300 ft²/ gallon
2nd Coat - 200 ft²/ gallon

Additional topcoat material may be required for textured or skid resistant finishes

INSTALLATION CONDITIONS

The Concrete Overlay System must not be Installed if the surface or ambient temperature is or will drop below 55°F or rise above 90°F within 24 hours or when precipitation is expected or occurring.

SUBSTRATE INSPECTION AND PREPARATION**CONCRETE**

Concrete must be clean, dry and free of laitance, grease, paint, oil, dust, curing agents or any foreign material that will prevent proper adhesion. The concrete should be at least 2,500 psi, porous and able to absorb water. A minimum of 28 days cured is required on all concrete. Before starting flooring work, test existing concrete for efflorescence, moisture and hydrostatic pressure. If moisture emissions exceed 5 lbs/1000 square feet (ASTM F1869) or if the relative humidity (RH) exceeds 75% (ASTM F2170), please refer to Westcoat's EC-15 Moisture Vapor Barrier Product Specification Sheet.

PREPARATION

Pre-cut and clean all cracks and joints with a concrete diamond blade to at least ¼ x ¼ inch. Prepare concrete to a profile equal to CSP 3 as specified by ICRI. Methods may vary according to the thickness of the coating to be applied and the condition and hardness of the concrete. Other factors include the forecasted use of the surface and the environment in which it is to be installed. When preparing the surface, use caution when shot blasting around pools, scarifying too aggressively, leaving grind marks or grinding too smooth.

CRACK TREATMENT

Fill cracks with MK-52 Epoxy Patch Gel. MK-72 Seam Tape (3 inch) may also be used to help reinforce, in which case the MK-52 should be placed into the tape and smoothed with a trowel or putty knife. Broadcast fine silica onto the wet epoxy to provide a surface for the Mer-Ko Concrete Overlay System to bond. MK-52 should be allowed to dry completely prior to slurry coat application. This is a remedial approach to patch cracks and there is no guarantee that cracks will not reappear.

CONCRETE REPAIR

Minor spalls and patching can be filled with MK-5 Shur Deck Cement. For larger patch work, MK-10 Mer-Ko Underlayment Cement can be used. Please refer to the appropriate Product Specification Sheet for additional information.

PRIMER

Premix each component separately. In a clean bucket, mix 2 parts A with 1 part B (by volume) of MK-50 Mer-Ko WB Epoxy. Mix thoroughly with a low speed (400-600 rpm) drill motor for 3-4 minutes. Make sure to scrape the sides and bottom of the container during mixing. MK-50 can be thinned with water, up to 50%. After mixing, dip and roll or spray and back roll the MK-50 onto the surface at a rate of 250-350 square feet per gallon. Do not allow material to puddle. Allow MK-50 to become tacky and trowel slurry coat into tacky primer. Do not let the primer dry and shell over, as this may prevent the slurry coat from properly adhering. Alternatively, you can roll the MK-50. Immediately broadcast 30 grit silica sand to refusal and allow the MK-50 to dry (1-4 hours at 70F degrees). Remove all loose sand prior to installing the slurry coat.

DECORATIVE CUT PATTERN

Another way to deal with cracks is to cut a pattern using a crack chaser. While the slurry is being installed, clean out expansion joints and cracks with a margin trowel. Then simply incorporate a pattern of "fake cracks" along with the existing cracks, which create the look of flagstone by cutting with a crack chaser into any pattern you choose.

SLURRY COAT

The Slurry Coat consists of 1 gallon of water to one 50 lb. bag of MK-5 Shur Deck Cement. Blend with a mechanical mixer for 2-3 minutes, until an even consistency is achieved. Trowel the slurry mix into the prepped concrete to produce a smooth finish. Each batch will cover 100-150 square feet. Using a brush wet with water, feather all outside edges, seams and expansion joints. Apply the slurry coat continuously, keeping a "wet edge", blending each new mix into the prior mix. Stop only at existing seams in the concrete. After surface is dry, scrape or grind off any ridges or trowel marks. Re-apply slurry as needed to smooth all surfaces, being sure to honor all expansion joints.

TEXTURE COAT

The Texture Coat can be applied in a variety of methods and finishes depending on the desired look. Such available finishes include, but are not limited to, knockdown, broom, skip trowel or smooth finish. The Texture Coat is prepared by mixing 1 gallon of water with each bag of MK-5 Shur Deck Cement. Blend with a mechanical mixer for 2-3 minutes, until an even consistency is achieved. If a smoother finish is required, MK-6 Shur Deck Fine Cement can be used in lieu of MK-5. Coverage of the Texture Coat is between 150-200 square feet per batch, depending on the desired texture and finish. If you are unsatisfied with the results, scrape off immediately and re-apply. After the texture has hardened enough to walk on, scrape and/or slightly sand the surface to even out the look and feel of the texture. Vacuum and remove any excess cement dust and debris before proceeding with the Mer-Ko Topcoat.

SYSTEM COMPONENTS

- MK-72 Mer-Ko Seam Tape
100 LF Roll (3"x100')
- MK-50 Mer-Ko WB Epoxy Primer
1.5 gal kit
- MK-52 Mer-Ko Epoxy Patch Gel
1/2 gal & 2 gal kits

- MK-5 Shur Deck Cement
50 lb bag

- MK-40 Mer-Ko Topcoat
5 gal pail

(Optional)

- MK-86 Slip Resistant Additive
32 ounce container
- MK-6 Shur Deck Fine Cement
50 lb bag

TOPCOAT

The MK-40 Mer-Ko Topcoat is applied in two coats. Thin the 1st coat with 25% water and apply at the rate of 300 ft² per gallon. Allow to dry for 2 hours at 70°F, 50 percent relative humidity. The 2nd coat must be applied neat. Apply the second coat of the MK-40 perpendicular to the first at the rate of 200 ft² per gallon. Allow 6 to 8 hours to dry before returning to light service and 24 hours for normal service (70°F, 50 percent relative humidity). For small areas or in locations with cool temperatures, one coat of the MK-40 may be applied at 150 to 175 ft² per gallon.

SLIP RESISTANT ADDITIVE (OPTIONAL)

To enhance skid resistance, mix 1 quart (32 ounces by volume) of MK-86 per 5 gallons of MK-40 Mer-Ko Topcoat (apply to the 2nd of the two coats). This will leave a consistent texture that is still fairly easy to clean. The actual slip resistance will be greatly affected by the existing texture of the surface you are covering and the thickness of the topcoat applied. Do not exceed this amount without consulting Mer-Ko.

CAUTIONS & LIMITATIONS

- Mer-Ko systems are designed for professional installation.
- In freezing climates, sufficient pitch is required to ensure run-off.
- Do not apply at temperatures below 50°F or above 90°F.
- The Concrete Overlay System provides moderate chemical resistance. Avoid exposure to harsh chemicals or acids.
- Heavy objects can affect the system and result in hairline cracks at the surface of the system. Avoid placing heavy objects on or dragging them across the surface.
- Cementitious materials should be used within 30 minutes, do not re-temper.
- Not designed for heavy steel wheeled traffic.
- Protect all finished surfaces that are not intended to receive the overlay system materials.
- Rain will wash away uncured Mer-Ko acrylic products.
- If inclement weather threatens, cover area to protect new application.
- Topcoats/Sealers will make the surface slippery. Please be aware of the texture of the surface and how the topcoat/sealer will affect the look, feel and skid resistance.
- Approval and verification of proposed colors, textures and slip resistance is recommended.

CARE & MAINTENANCE

The Concrete Overlay System is designed to provide easy cleanability and low maintenance. To extend the life of the system to its maximum potential, establish a regular cleaning schedule using a mild soap and water solution, TSP (Tri Sodium Phosphate) or similar products (check suitability before using). Use a stiff broom or scrub brush to remove any contaminants on the surface of the area. Rinse thoroughly with clean water after scrubbing. Do not use solvents to remove contaminants as this may cause damage to the surface. The Mer-Ko Topcoat is designed to resist direct exposure to environmental elements and withstand normal wear. When traffic patterns become visible or heavy impacts mar the surface, the topcoat should be re-applied to restore aesthetic appeal.

The system should be re-sealed every 3 years or sooner for best results or per the schedule listed on the warranty issued. The functionality of the Concrete Overlay System is not impacted by aesthetic imperfections. Refer to Cementitious Care & Maintenance Instructions for more detailed information on proper care and maintenance.

PHYSICAL CHARACTERISTICS

Thickness
1/16" - 1/8"

STORAGE & HANDLING

Store all materials off the ground in a dry environment at temperatures between 50°F and 90°F and not in direct sunlight. All materials should be stored in compliance with local fire and safety requirements. Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying these products.

SHELF LIFE

Product shelf life for most products is six (6) to twelve (12) months from the date of manufacture when properly stored in the original, unopened container. Refer to individual Product Specification Sheets for specific storage and shelf life information.

SLIP PRECAUTION

Mer-Ko highly recommends the use of a slip-resistant additive to all coatings/systems that may be exposed to wet, oily, greasy or slippery conditions. It is the end user's responsibility to provide a flooring system that meets current safety standards. Mer-Ko and its distributors will not be responsible for injury incurred during a slip and fall incident. For the current coefficient of friction requirements, please consult your local building codes.

HEALTH PRECAUTIONS

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Cements contain silicas; dust mask or respirator should be used when mixing, sanding or grinding.

DISCLAIMER

Purchaser's sole and exclusive remedy against the manufacturer of Mer-Ko, shall be limited solely to the replacement of any defective material or a payment by the manufacturer in an amount equal to the cost of the original material.

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CSI SPECIFICATION

SECTION 099726**Cementitious Coatings****PART 1 GENERAL**

1.01 SUMMARY

- A. Section includes: Provide a complete decorative overlay system for concrete surfaces that meet the requirements for specific use indicated in the contract documents. Include all applicable substrate testing, surface preparation, and detail work.

1.02 RELATED SECTIONS

- A. Section 033000 – Cast-In-Place Concrete
- B. Section 090000 – Finishes

1.03 SUBMITTALS

- A. Submit under provisions of Section 013300.
- B. Product Data: Submit manufacturer's product data sheets on each product and system to be used including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements.
 - 3. Installation methods.
 - 4. Maintenance requirements.
- C. Selection Samples: For each system specified, provide two sets of samples and color charts, representing manufacturer's full range of colors and patterns.

1.04 QUALITY ASSURANCE

- A. All materials used in the cementitious coating system shall be manufactured and provided by a single manufacturer to ensure compatibility and proper bonding.
- B. Use adequate numbers of skilled workmen that are thoroughly trained and experienced in the necessary crafts and completely familiar with the specified requirements and methods needed for proper performance of the work of this section.
- C. Contractor shall have a minimum of three years experience installing cementitious coatings similar to that which is required for this project and who is acceptable to the manufacturer.
 - 1. Applicator shall designate a single individual as project foreman who shall be on site at all times during installation.
 - 2. Contractor must show and have QCA Qualified Contractor/Applicator paperwork from the manufacturer of the coating system, as required to obtain a long-term jobsite specific warranty.
- D. Convene a meeting before the start of application of coating system. Require attendance of parties directly affecting work of this section, including: architect, contractor, applicator, and authorized representative of the coating system manufacturer and interfacing trades. Review the following:
 - 1. Drawings and specifications affecting work of this section.
 - 2. Protection of adjacent surfaces.
 - 3. Surface preparation and substrate conditions.
 - 4. Application.
 - 5. Field quality control.
 - 6. Protection of coating system.

7. Repair of coating system.
8. Coordination with other work.

1.05 DELIVERY, STORAGE & HANDLING

- A. Delivery: Materials shall be delivered to the job site in sealed, undamaged containers. Each container shall be clearly marked with manufacturer's label showing type of material, color, and lot number.
- B. Storage: Store all materials in a clean, dry place with a temperature range in accordance with manufacturer's instructions.
- C. Handling: Handle products carefully to avoid damage to the containers. Read all labels and material safety data sheets prior to use.

1.06 PROJECT SITE CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within the limits recommended by the manufacturer.
- B. All concrete should be tested for moisture before applying a seamless coating. If moisture emissions exceed 5 lbs/1000 square feet (ASTM F1869) or if the relative humidity (RH) exceeds 75% (ASTM F2170), see EC-15 Moisture Vapor Barrier product specification.
- C. Concrete must be at least 2500 psi.
- D. Concrete must be cured for a minimum of 28 days before coating is applied.
- E. Schedule coating work to avoid excessive dust and airborne contaminants. Protect work areas from excessive dust and airborne contaminants during coating application.
- F. Before any work is started, the applicator shall examine all surfaces for any deficiencies. Should any deficiencies exist, the architect, owner or general contractor shall be notified in writing and any corrections necessary shall be made.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable manufacturer: Mer-Ko by Westcoat; 4007 Lockridge Street, San Diego, CA 92102, San Diego, CA 92102. Telephone 844-537-7203. Website: www.mer-ko.com.

2.02 MATERIALS

- A. As basis of design Mer-Ko Concrete Overlay System (no substitutions will be accepted): A series of polymer modified cementitious coatings bonded to concrete and sealed with an acrylic topcoat.

2.03 COMPONENTS

- A. Mer-Ko Concrete Overlay System: Decorative cementitious coating designed for concrete resurfacing.
 1. Primer: Mix and apply MK-50 Mer-Ko WB Epoxy Primer at a rate of 250-350 ft² per gallon.
 1. Slurry Coat: Combine one 50 lb bag of MK-5 Shur Deck Cement with 1 gallon of water. Applied at a rate of 100-150 square feet per gallon.
 3. Texture Coat: Combine one 50 lb bag of MK-5 Shur Deck Cement with 1 gallon of water. Applied at a rate of 150-200 square feet per gallon.
 5. Topcoat: Apply MK-40 Mer-Ko Topcoat in two thin coats. Thin the 1st coat with 25% water and apply at the rate of 300 ft² per gallon. Allow to dry for 2 hours at 70°F, 50 percent relative humidity. The 2nd coat must be applied neat. Apply the second coat of the MK-40 perpendicular to the first at the rate of 200 ft² per gallon.

2.04 ACCESSORIES

- A. Supplemental Materials:
 1. Concrete repairs can be made with MK-5 Shur Deck Cement or MK-10 Mer-Ko Underlayment Cement as needed.
 2. MK-72 Mer-Ko Seam Tape for crack treatment.
 3. MK-52 Mer-Ko Epoxy Patch Gel for crack treatment

4. Optional Slip Resistance: MK-86 Slip Resistant Additive added to topcoat.
5. Optional Smooth Finish: MK-6 Shur Deck Fine Cement can be used in lieu of the MK-5 at 150-200 square feet per batch, depending on the desired texture and finish.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verification of Conditions.
 1. Inspect all surfaces to receive cementitious coating. Verify that surfaces are dry, clean, and free of contaminants that would prevent epoxy flooring from properly adhering to the surface.
 2. Conduct calcium chloride testing according to ASTM F1869.
 3. Before starting work, report in writing to the authority having jurisdiction any unsatisfactory conditions.

3.02 SURFACE PREPARATION

- A. Prepare surfaces using methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- B. Prepare concrete to a profile equal to CSP 3 as specified by ICRI.
- C. Clean Surfaces thoroughly prior to installation.
- D. Rout and clean moving cracks and joints: fill with manufacturer's recommended flexible epoxy filler material.
- E. Repair any non-moving surface deviations with manufacturer's recommended patching material.

3.03 INSTALLATION

- A. Install coatings in accordance with manufacturer's instructions.
- B. Mix all materials in accordance with manufacturer's instructions.
- C. Use application equipment, tools, and techniques in accordance with manufacturer's instructions.
- D. Uniformly apply coatings at spread rates and in number of coats to achieve specified coverage.
- E. Adhere to all limitations, instructions, and cautions for cementitious coating as stated in the manufacturer's published literature.

3.04 FIELD QUALITY CONTROL

- A. Verify coatings and other materials are as specified.
- B. Verify coverages and finish of the system as work progresses.
- C. Manufacturer's representative shall provide technical assistance and guidance for surface preparation and application of coating systems.

3.05 PROTECTION AND CLEAN-UP

- A. Installation areas must be kept free from traffic and other trades during the application procedure and cure time.
- B. Protect finished surfaces of coating system from damage during construction.
- C. Touch-up, repair or replace damaged flooring system after substantial completion.
- D. Clean area and remove all debris upon completion of work. Dispose of empty containers properly according to current local, state and federal regulations.
- E. Allow material to cure 4 to 6 hours before light pedestrian traffic is permitted, 24 hours before heavy traffic, and 72 hours before vehicular traffic is permitted.

3.06 MAINTENANCE

- A. Contractor shall provide to owner, maintenance and cleaning instructions for the cementitious coating system upon completion of work. Owner is required to clean and maintain the surfaces to maintain manufacturer's warranty.

END OF SECTION

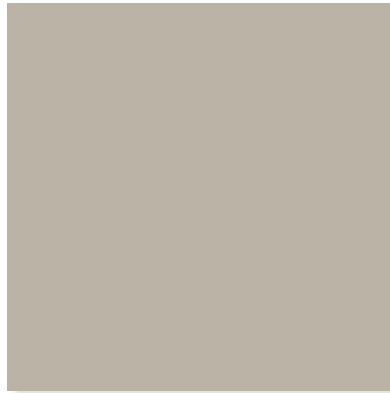
This guide specification has been prepared by Mer-Ko by Westcoat to assist design professionals in developing a project specific specification. This guide is a template that must be reviewed and adapted by specifiers to comply with project requirements. This guide specification is not to be copied directly into a project specification manual without review.

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COLOR CHART



IRON | 1012



HARBOR GRAY | 1052



HAZELNUT | 1008



DOVER GRAY | 1095



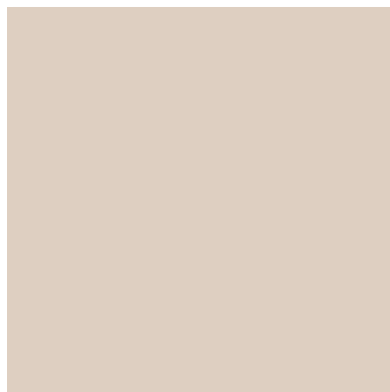
LINEN | 1040



CASHMERE | 1044



DOLPHIN GRAY | 1041



CREAM | 1009



TIMBER TAN | 1005

This chart is for reference only. Viewing any color chart is less accurate than a cured sample. Please apply sample onsite before beginning any project.

Color Product Number	Availability
Cashmere 1044	Made to Order
Cream 1009	Made to Order
Dolphin Gray 1041	Made to Order
Dover Gray 1095	Stock
Harbor Gray 1052	Made to Order
Hazelnut 1008	Made to Order
Iron 1012	Made to Order
Linen 1040	Stock
Timber Tan 1005	Made to Order

- Stock = 2-day lead time | Made to Order = 10-day lead time.
- Extended manufacturing time may apply to larger volume orders.
- Custom Colors available with color matching fee, minimum order, and extended manufacturing time.

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SAMPLE WARRANTY

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WARRANTY

CONCRETE OVERLAY SYSTEM MATERIAL WARRANTY

Project Address

QCA Contractor/ Applicator

Subject to the conditions, limitations and requirements set forth below, Westcoat warrants the CONCRETE OVERLAY SYSTEM materials to be free of defects in the material for a period of five (5) years from the date of original purchase of the materials provided that the materials are installed by a factory trained state-licensed contractor and subject to all terms and conditions set forth below. Westcoat disclaims any warranty for the labor or installation of the CONCRETE OVERLAY SYSTEM materials.

If the CONCRETE OVERLAY SYSTEM materials fail due to defects within the warranty period, Westcoat, in its sole discretion, will either provide replacement materials for the defective CONCRETE OVERLAY SYSTEM materials or reimburse the original purchaser in an amount not to exceed the original cost of the materials. Westcoat shall in no way be responsible or liable for any labor costs or any incidental or consequential damages, including without limitation, economic losses, lost profits, business interruption, loss of use, contribution, indemnity or other losses arising from the use of the CONCRETE OVERLAY SYSTEM materials.

This warranty is limited to the original purchases and is non-transferable. This warranty is void if the CONCRETE OVERLAY SYSTEM materials are: not properly maintained; not installed pursuant to the current system information sheet; and/or applied at any area that is not built in accordance with applicable building codes. The warranty is also void if all of the materials are not purchased from an authorized distributor of Westcoat.

This warranty does not apply to and Westcoat has no responsibility or liability for: (1) the condition or movement of the substrate; (2) moisture rising from substrate and/or efflorescence; (3) the loss of gloss, fading or cleaning; (4) repairs and/or maintenance of the sealer and texture coat; (5) waterproofing of any sort; (6) abuse or misuse of the materials; (7) improper installation; or (8) surfaces less than 2500 psi concrete.

THIS MATERIAL WARRANTY AND THE REMEDIES PROVIDED HEREUNDER ARE EXCLUSIVE AND GIVEN IN LIEU OF ALL OTHER WARRANTIES (WHETHER WRITTEN, ORAL, IMPLIED OR STATUTORY). THERE ARE NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, THAT EXTEND BEYOND THAT SPECIFICALLY DESCRIBED HEREIN. PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURERS OF WESTCOAT, INCLUDING CLAIMS BASED UPON THE MANUFACTURER'S NEGLIGENCE OR STRICT LIABILITY, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE CONCRETE OVERLAY SYSTEM MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL CONCRETE OVERLAY SYSTEM MATERIAL.

The Westcoat CONCRETE OVERLAY SYSTEM requires a maintenance topcoat with MER-KO ACRYLIC TOPCOAT as specified every three to five years (depending on ultraviolet exposure and/or traffic) as determined by a licensed contractor or design professional. Inspections are required one year after installation and every two years thereafter by a licensed contractor or design professional. The record of the inspection must be kept in writing and entitlement to the benefits of this warranty require the purchaser to show proof of purchase of the materials and the record of inspection(s).

All claims arising from any defect in the CONCRETE OVERLAY SYSTEM materials or under this Warranty shall be made, in writing, to Westcoat within ninety (90) days of the discovery of the alleged defect and within the time period of this warranty. Upon notification, Westcoat shall have the right to inspect and determine course of repair. The absence of a written claim within this time period shall constitute a waiver of all claims, rights and damages against Westcoat, and its affiliates. This warranty shall not toll or extend any statute of limitation applicable to a claim of negligence, breach of contract or strict liability against Westcoat.

Any and all disputes, claims or damages arising out of the use of CONCRETE OVERLAY SYSTEM materials or this Warranty shall be arbitrated in the County of San Diego, State of California, utilizing the services of a neutral dispute resolution service upon which the purchaser and Westcoat agree, or if they cannot agree, utilizing the services of the American Arbitration Association. The purchaser and Westcoat hereby waive any right they may have to have a jury decide any dispute.

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GENERAL MAINTENANCE

STANDARD CARE & MAINTENANCE

With proper maintenance, you will extend the life of the Concrete Overlay System to its maximum potential. The following instructions will provide you with the proper methods of maintenance.

1. If puddling or standing water occurs, remove it and remedy the situation to maximize life of the system.

2. Establish a normal maintenance schedule for washing the deck surface using a mild soap and water solution. TSP (Tri Sodium Phosphate), all purpose cleaner, or similar products are recommended. Test all cleaners in an inconspicuous area to ensure Compatibility. Use a stiff broom or scrub brush (Polypropylene, nylon or horsehair) to remove any contaminants on the surface of the deck. Rinse the deck thoroughly after scrubbing. No solvents should be used to remove Contaminants as this may cause damage to the deck surface. All corrosive substances, chemicals and organic materials should be cleaned and rinsed away immediately to prevent damage and/or staining.

3. Planter boxes or flower pots should be raised off of the deck and moved every 2 months to allow the deck system to thoroughly dry out. Planters that drain onto the deck system may cause staining due to the natural minerals in the potting media. Self contained or internal drainage systems should be considered. Plastic retainer rings or dishes should be used under all planters to protect the deck system from damage. Concrete or clay pots are not recommended for use on the Concrete Overlay System.

4. Any type of matting that contains a rubber backing holds moisture, e.g. rubber backed indoor/outdoor carpet, should NOT be used on the deck system. The resulting trapped moisture will increase risk of damage to the topcoat.

5. Patio furniture should have 2 inch coasters or rubber pads to prevent indentation or tears in the deck surface. If a barbecue is used on top of the Concrete Overlay System, it is suggested that an aluminum or plastic pan be placed beneath the barbecue to catch any hot grease or coals that may spill.

RE-SEALING INSTRUCTIONS:

The Concrete Overlay System should be resealed every 3-5 years based on wear for best results, or per the schedule listed on the warranty issued. Follow the inspection guidelines detailed in the warranty at the time of scheduled Maintenance.

1. The surface must be clean, dry and free of any debris, dirt, dust, oil, grease, paint or other contaminants. Wash the deck as indicated in the Standard Care & Maintenance. Allow the deck surface to dry completely before continuing.

2. Sand smooth any debris stuck to the deck, then remove the residual contaminants and repair any gouges with the appropriate materials.

3. Thoroughly mix MK-35 Mer-Ko Primer before application. Apply one coat of MK-35 over the cleaned and dry deck at a rate of approximately 350-400 ft² per gallon. Allow the MK-35 to dry completely to the touch (~1 hour at 70F degrees) before applying the MK-40 Mer-Ko Topcoat.

5. For best results, always apply the sealer to a cool surface or in the shade. Do not reseat the Concrete Overlay System if ambient temperature is below 55°F or above 90°F or when precipitation is expected or occurring within 24 hours. Thoroughly mix MK-40 Mer-Ko Topcoat to ensure an even and consistent color before application. Apply MK-40 over the primed deck at a rate of approximately 300-350 ft² per gallon. An additional coat of the MK-40 may be applied, as needed. Allow 6 to 8 to dry, before returning to light service and 24 hours for normal service at 70°F, 50% RH.

SHELF LIFE

Product shelf life for most products is six (6) to twelve (12) months from the date of manufacture when properly stored in the original, unopened container. Refer to individual Product Specification Sheets for specific storage and shelf life information.

HEALTH PRECAUTIONS

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Cements contain silicas; dust mask or respirator should be used when mixing, sanding or grinding.

DISCLAIMER

Purchaser's sole and exclusive remedy against the manufacturer of Mer-Ko, shall be limited solely to the replacement of any defective material or a payment by the manufacturer in an amount equal to the cost of the original material.

For further information regarding substrate preparation, installation conditions and storage & handling, refer to the Concrete Overlay System Specification.