

## Kona-Crete®

### Decorative, Cool Pedestrian Traffic Coating



#### MATERIAL STANDARDS

- ASTM C150  
Portland Cement Type I

#### SPECIFICATION CLASSIFICATIONS

- 07 18 13 Pedestrian Traffic Coatings

#### COVERAGE

Approximate coverage per 50 lb (22.7 kg) bag is 35 to 50 ft<sup>2</sup> (3.25 to 4.65 m<sup>2</sup>), when applied according to manufacturer's recommendations.

*Notes: Coverages may vary depending upon surface texture and application thickness.*

#### AESTHETIC FINISHES/TEXTURES

Kona-Crete can be applied using a traditional knock-down finish or using advanced design options such as lace texturing, stippling, scoring, stenciling, etc. This wide array of finish options provides aesthetic design flexibility to complement any design motif.

#### PRODUCT DESCRIPTION

Kona-Crete is a Portland cement-based coating system designed to provide a decorative, durable, cool surface for pool decks, patios, walkways, breezeways and any other light to heavy foot traffic areas. Whether the surface is a high-profile outdoor recreation/entertainment area or backyard patio and pool deck, Kona-Crete provides a durable, comfortable, aesthetic surface to complement any decor. Integral colorants and accents are available for additional design flexibility.

Kona-Crete is engineered for easy application to new concrete, contributing to faster installations and on-time project completion. It can also be used over existing concrete surfaces for aesthetic resurfacing and refurbishment projects. Material is available in a 50 lb (22.7 kg) bag of base material and individual color packets. It installs at a minimum 1/8" to 3/16" (3.2 to 4.7mm) finished thickness and offers skid resistance and enhanced aesthetics using a variety of finishing techniques and texturing methods.

#### USES/APPLICATIONS

- Exterior Flat/Walking Surfaces
- Observation Decks
- Outdoor Entertainment & Dining Areas
- Promenade Decks & Verandas
- Commercial & Residential Pedestrian Traffic Areas
- Walkways & Breezeways

#### ADVANTAGES

- Seamless, monolithic surface
- Excellent adhesion to freshly poured concrete
- Can be installed over new concrete pours one (1) to five (5) hours old and over cured existing concrete surfaces
- Resists degradation from sun, ozone and weather
- Superior stain resistance
- Long-term durability and performance

#### LIMITATIONS

- Colors may vary slightly with environmental and site conditions
- Cold climate applications require additional technical considerations. Consult Mer-Ko for specific requirements.

#### COLOR

Kona-Crete is available in 12 standard colors. Consult the Mer-Ko Color Selection Guide for additional details. Custom colors are available upon request.

*Notes: <sup>1</sup>Production run colors may vary from color chart. Printed color charts are as closely representative to actual colors as modern printing technology allows. Final color selection should be made from an actual sample. <sup>2</sup>Additional fees, lead times and minimum order quantities apply for custom colors.*



## STORAGE & HANDLING

Kona-Crete should be stored in a cool, dry area. Avoid direct contact with the ground and extreme temperature changes. Shelf-life is six (6) months from the date of manufacture when stored according to manufacturer's instructions. See packaging for handling precautions.

## WARRANTY

Five (5) year warranties are available dependent upon product selection and project design. Contact Mer-Ko's Customer Service Department for specific warranty information.

## TECHNICAL ASSISTANCE

Specification assistance is highly recommended during the initial design process to ensure the most effective engineering details and product selection for long-term durability and protection. Technical assistance for all product and application questions is available by contacting your local Mer-Ko Representative at (800) 851-6303.

*Note: Site visits made by a Mer-Ko Representative are intended for the purpose of making technical recommendations only. They are not intended to evaluate, supervise, or provide quality control on the job site.*

*Any recommendation or suggestion relating to the use of MER-KO products made via current technical literature, marketing materials, application guides, specifications, and the like, or in response to specific inquiry or otherwise, is based on data believed to be reliable. However, the products and information are intended for use by Buyers having requisite skill and know-how in the industry. Therefore, it is the responsibility of the Buyer to satisfy the necessary requirements of suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. Mer-Ko believes the information contained herein is true and accurate as of the date of publication. Information contained here is for evaluation only. Mer-Ko reserves the right to modify and/or change products or literature at any time and without prior notice.*

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## INSTALLATION STEPS – OVERVIEW

Properly prepare the new, "green" concrete or existing substrate. New concrete must be less than five (5) hours old and have a broom finish. Existing concrete applications must be a clean, dry, sound substrate and have a finish equivalent to a broom finish. Newer concrete requires a 28 day minimum cure prior to application.

### Over New Concrete Pours

- Pre-blend the Mer-Ko Kolor Pack in water to ensure color consistency throughout the Kona-Crete material.
- Mix Kona-Crete material with the pre-blended color solution using a clean mechanical mixer for 15 minutes.
- Screen the material prior to application.
- Application may begin as soon as the surface is walkable.
- Trowel or spray apply a first coat of material achieving complete coverage at a minimum 1/16" (0.06mm). Then, hand dash with a rice dash brush or apply with a finish "plastering machine" a second coat to achieve a minimum 1/8 to 3/16 inch (3.2 to 4.7mm) total thickness.
- Using a stainless steel trowel, knock down the material to the desired texture. If desired, score in flagstone or other decorative pattern.
- Allow the material to cure, then proceed with accenting/coloring or clear sealer application.
- Apply accent colorings and/or stains using Mer-Ko Antiquing Gel, Mer-Ko Colored Hardener or other artistic materials commonly used in decorative coating applications as designed for the project.

*Note: DO NOT use acid stains or solvent-based colorants. Consult a Mer-Ko Technical Representative before using colorants other than Mer-Ko products noted within this literature.*

- Seal the cured Kona-Crete with an appropriate Mer-Ko clear sealer or water-repellent. Consult with a Mer-Ko representative for suitable sealer options.

### Over Existing Concrete

- Apply Mer-Ko Bonding Primer to the properly prepared substrate. Allow to dry tack-free before proceeding.
- Pre-blend the Mer-Ko Kolor Pack in a Mer-Ko Admix 100/water solution to ensure color consistency throughout the Kona-Crete material.
- Screen the material prior to application.
- Trowel or spray apply a first coat of material achieving complete coverage at a minimum 1/16" (0.06mm). Then, hand dash with a rice dash brush or apply with a finish "plastering machine" a second coat to achieve a minimum 1/8 to 3/16 inch (3.2 to 4.7mm) total thickness.
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