

## KonaCrete Compound

Decorative Cement Coating for Concrete

### 2. Manufacturer

Parex USA, Inc.  
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### 3. Product Description

**BASIC USE:** KonaCrete is a slip-resistant, cool to the touch, decorative coating for concrete. Available in 12 Colors

**Uses:** 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.

#### Areas of Use

- 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

## 4. Technical Data

Material Standards  
Specification Classification

ASTM C150 Portland Cement Type I  
07 18 13 Pedestrian Traffic Coating

TECHNICAL DATA	
Coverage rates are approximate only and can vary due to surface conditions, humidity, temperature and installation techniques.	
Coverage Rate .....	35-50 ft <sup>2</sup> (3.25-4.65 m <sup>2</sup> )/50 lb. bag Yield: 1/8" to 3/16" (3.2-4.7mm)
VOC.....	0 g/L
Dry Time .....	4 hours at 70°F (21°C) 50% RH
Solids by Volume.....	100%
Solids by Weight .....	100%
Abrasion Resistance .....	0.20 gram loss (ASTM D4060, H-22 Wheel, 1,000 gram load for 1,000 cycles)
Adhesion .....	> 250 psi (ASTM C794)
Compressive Strength .....	>2,500 psi (ASTM C109) at 28 Days cure
Indentation Characteristics .....	Complies (MIL-D-3134 F)
Resistance to Aging .....	2,000 hours, No visual signs of failure (ASTM D756, AC 39)
Surface Hardness .....	84 (ASTM D2240, Shore D)
Tensile Strength .....	> 625 psi (ASTM D638, ASTM C190)
Thickness .....	1/8" to 3/16" (3.2 to 4.7mm)
Weight .....	< 2 lbs./ft <sup>2</sup>

Container: Material is available in a 50 lb. (22.7 kg) bag of compound base material and individual color packets.

Storage – Kona-Crete should be stored in a cool, dry area. Avoid direct contact with the ground and extreme temperature changes.

Shelf Life: Reference Parex USA Expiration Date of Products Technical Bulletin.

## 5. Installation

Kona-Crete should not be installed if the surface or ambient temperature is below 40°F (4.4°C) or above 100°F (37.8°C), Do not install during damp weather or when rain expected within 24 hours.

## Freshly Poured Concrete Application

For freshly poured concrete applications, the timing of the initial concrete slab or deck pour must be coordinated with the application of the Kona-Crete material to ensure application begins no more than 5 hours after the initial pour begins. Application may begin as soon as the surface is walkable. After the base concrete is placed and is ready for finishing, float and trowel to produce an even surface and broom finish. Avoid water holes and drainage problems. Flaws in concrete application and finishing will not be concealed by the Kona-Crete material.

## **Newly Installed Concrete Mixing Instructions:**

### Pre-Blending Color Solution

For integrally colored applications, pre-blend the appropriate color pack with 1 gallon of water (for each bag of compound to be mixed), in a clean 5-gallon pail by slowly adding a color pack while mixing. Mix for 1 minute.

### Mixing/Incorporating Solution into the Compound

Using a clean 5-gallon pail, slowly add the Kona-Crete Compound to the pre-blended solution and mix for a minimum of 15 minutes. While mixing, add the additional water (up to 0.75 gallon additional, for a total of 1.75 gallons per 50 lb. bag) as required to achieve the desired consistency. Be sure to incorporate material on the sides and bottom of the mixing container to avoid lumps. Let the material stand for five minutes then remix for use, while mixing, adjust the mixture if necessary by adding a small amount of additional water until a uniform, workable consistency is achieved.

### Existing Concrete Application

Consult the Parex USA Technical Department for more information. (800)226.2424 or [technicalservice@parexusa.com](mailto:technicalservice@parexusa.com)

**Limitations:** Concrete substrates must have a minimum compressive strength of 3,000 psi tested by "point loading" technique.

- Concrete substrates must be properly prepared. Non-porous or smooth surface substrates must be scarified.
- Sufficient pitch of the concrete slab/deck surface is required to ensure run-off and prevent pooling.
- KonaCrete should be used within 30 minutes, do not retemper.
- Not designed for vehicular or heavy steel wheeled traffic.
- Protect all finished surfaces that are not intended to receive KonaCrete.
- Kona-Crete provides moderate chemical resistance. Avoid exposure to harsh chemicals or acids.
- Will not bridge seismic cracks or wide construction joints.
- Reflective cracking can occur with substrate movement.
- The use of concrete stains and clear sealer will change, darken, or affect the color.
- Exposure to water in the first 28 days could cause a discoloration



**Warning:** Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.

- For more information on handling this product refer to its Safety Data Sheet (SDS). The most current SDS and Product Data Sheet (PDS) can be found on our website.
- 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 the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

**Cleaning:** Water soluble prior to drying. Clean tools and equipment with water prior to drying.

**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.

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

**Sealing:** Newly installed Kona Crete will be susceptible to staining by water and other chemicals in the first 28 days. Highly recommended to seal the Kona Crete to help reduce the possible staining. LaHabra Protect Sealer is recommended; read the data sheet for the sealer before using. Sealers can cause the Kona Crete to darken, try in an inconspicuous area first to determine if results are acceptable.

## 6. Availability

LaHabra KonaCrete is available at leading building material and construction dealers. Contact LaHabra or visit our web site for the name of the nearest dealer at [www.Lahabrastucco.com](http://www.Lahabrastucco.com).

## 7. Warranty

Contact Parex USA Technical Services or visit our web site at [www.lahabrastucco.com](http://www.lahabrastucco.com).

## 8. Maintenance

Only minimal maintenance is usually required. General maintenance can be achieved with the use of mild soap and clean water.

## 9. Technical Services

LaHabra maintains technical field representatives available throughout the country. Call Technical Services at 800-226-2424 for the nearest representative.

## 10. Filing Systems

LaHabra architectural and product information is available in catalog form, or electronically on our website at [www.lahabrastucco.com](http://www.lahabrastucco.com).