



# KEY POOL-DECK

## DESCRIPTION

**KEY POOL-DECK** is a two-component acrylic polymer modified cement resurfacing mortar designed to provide a durable, slip resistant, and waterproof surface. Ideal for resurfacing old or new concrete and masonry. **KEY POOL-DECK** provides the ideal indoor/outdoor decorative finish for swimming pool decks, floors, sidewalks, patios, lanais, driveways, walkways, and ramps.

## KEY ADVANTAGES

- Improves Appearance & Durability of Swimming Pool Decks, Patios, Walkways and Other Surfaces
- UV Stable & Resistant to Moisture and Salt Intrusion
- Slip Resistant Surface
- **Key #805** Acrylic Deck Coat Offers Variety of Decorative Colors

## KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 55°F (Low temperature cure system available on request).
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials.
- All control joints and expansion joints in the substrate must be revealed with the appropriate joint filler in the topping.
- Movement of substrate cracks may transmit through system.
- Key Pool-Deck is supplied untinted; Oxide pigment packs sold separately from Key Resin or others. It is optional to tint when Key #805 Deck Coat is used to seal the surface.

## APPLICATION

### SURFACE PREPARATION

**Surface Preparation** is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in **Key Resin Technical Bulletin #1**. Work must be performed by trained or experienced contractors or maintenance personnel. **Key Resin Technical Service** is available to answer any questions.

### INSTALLATION

Installation of **KEY POOL-DECK** is a multiple application process. Consult system application instructions prior to starting work for complete details.

### CLEAN UP

Clean skin, tools, and equipment with soap and water. No xylene or lacquer thinner is required.

### CURE

Allow to cure for 24 hours prior to opening to light traffic. In warm weather, a retarder may be necessary to retard set time.

## PACKAGING & COVERAGE

**KEY POOL-DECK** is supplied in two components, 5-gallon pails of **KEY #815 POOL-DECK BINDER** and 50 lb. bags of **KEY POOL-DECK POWDER**. Optional oxide pigment packs also available, requires 1 pack per 50 lb bag of **KEY POOL-DECK POWDER**.

Scratch coat requires approximately seven (7) quarts of **KEY #815 POOL-DECK BINDER** to one bag of **KEY POOL-DECK POWDER**. Coverage: 175 square feet per bag of powder.

Base Coat requires approximately five (5) quarts of **KEY #815 POOL-DECK BINDER** to one bag of **KEY POOL-DECK POWDER**. Coverage: 150 square feet per bag of powder.

## TECHNICAL DATA

<b>Compressive Strength</b>	<b>ASTM C109</b>	6,000 psi @ 28 days air cure
<b>Tensile Strength</b>	<b>ASTM C190</b>	617 psi @ 7 days air cure
<b>Flexural Strength</b>	<b>ASTM C348</b>	1,205 psi @ 7 days air cure
<b>Impact Strength</b>	<b>Gardner Impact Tester</b>	18 @ 7 days air cure

## AVAILABILITY

All **Key Pool-Deck** materials ship from the Key Resin factory FOB Phoenix, AZ.

## MAINTENANCE

After completing the application of **Key Flooring Systems**, the installer should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly.

**Key Flooring Systems** are easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Waxing is optional. Long periods of heavy traffic may cause wear patterns necessitating a maintenance application of a finish coat.

## TECHNICAL SERVICE

**Key Resin Company** provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

**Key Resin Representatives** are available to assist you. Telephone 888.943.4532, 513.943.4225, or [www.keyresin.com](http://www.keyresin.com).

## WARRANTY

**Key Resin Company ("Key")** warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed, and applied in accordance with recommendations of **Key**. If any product fails to meet this warranty, the liability of **Key** will be limited to replacement of any non-conforming material if notice of such non-conformity is given to **Key** within (1) one year of delivery of materials. **Key** may in its discretion refund the price received by **Key** in lieu of replacing the material. No customer, distributor, or representative of **Key** is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of **Key**. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. **Key** reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. **KEY'S** OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND **KEY** SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.