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Installation Instructions

Key Pool-Deck System- 1/16" Polymer Modified Decorative Concrete Resurfacing Mortar

<i>Material</i>	<i>Qty./ 1000 ft²</i>	<i>Coverage</i>
1. Scratch Coat: <i>Key Pool Deck Powder</i>	6 bags	175 ft ² /bag
<i>Key #815 Pool Deck Binder</i> (5 gallon unit, Neutral White Color)	10 gallons	175 ft ² /7 quarts
2. Base Coat: <i>Key Pool Deck Powder</i>	7 bags	150 ft ² /bag
<i>Key #815 Pool Deck Binder</i> (5 gallon unit, Neutral White Color)	9 gallons	150 ft ² /5 quarts
3. Top Coat: <i>Key #805 Deck Coat (pig.)</i>	7 gallons	150 ft ² /gallon
4. Top Coat: <i>Key #805 Deck Coat (pig.)</i> (5 gallon unit)	4 gallons	250 ft ² /gallon

Installation Guidelines

1. Surface Preparation: Prepare by shot blasting, rough grinding or acid etch with thorough rinse and neutralization (use ammonia and water). Refer to Technical Bulletin #1 for additional information.
2. Crack Repair: Route cracks larger than hairline, fill with Key 715 Crack Filler, lightly broadcast silica sand into the wet Key 715 for better adhesion of the Pool Deck Scratch Coat. For larger cracks, fill crack with Key 715 and reinforce with fiberglass scrim cloth. Use Key 502 to adhere and saturate scrim cloth.
3. Scratch Coat: Mix 1 bag of *Key Pool Deck Powder* with 6-7 quarts of *Key #815 Pool Deck Binder* and apply at 175 ft². Dampen concrete surface prior to applying. Use flat trowel or 36" flat squeegee or pool trowel. Allow to dry 2-4 hours depending on temperature.
4. Base Coat (Lace Coat): Mix 1 bag of *Key Pool Deck Powder* with 5-6 quarts of *Key #815 Pool Deck Binder* and apply at 150 ft² with hopper gun. Adjust mix ratio as needed to spray through the hopper gun. Adjust orifice size as desired. Allow to set 3-10 minutes depending on temperature and wind conditions, then knock down with flat trowel. The set time must be just right to get a nice appearance.
5. Top Coats: Apply *Key #805 Deck Coat (pig.)* at 150 ft² /gallon using ½"-1" nap roller. Airless spray equipment may be used instead of roller application. Apply second coat in 20-40 minutes at 275 ft² /gallon. Some installers roll the first coat to work it into the surface and then spray the second coat.

General Notes: Typical procedure is to get some 4x8 sheets of hard board (with plenty of construction paper to contain overspray), etc. and spray material through hopper gun to get proper settings and mix design before beginning. Key #805 is recommended for foot traffic only, consult with Key Resin if vehicle traffic will occur.