

## KING Concrete Adhesive

KING Concrete Adhesive is a high performance latex emulsion designed for use as a bonding agent between new and existing concrete and masonry surfaces. Either brush on to existing surface or mix into fresh material.

### FEATURES & BENEFITS

- bonds concrete to concrete
- brush on or mix in
- increases performance

### USES

Can be used for patch repairs or resurfacing on concrete bridges, parking decks, industrial floors, retaining walls, sidewalks, parge coating foundation walls and leveling concrete floors to receive overlayers.

### PROCEDURES

Mix and substrate temperatures should be maintained between 5 and 30°C (40 and 86°F) for at least 24 hours prior to and 48 hours after. Not recommended to be used in areas where in-service temperatures exceed 37°C (100°F).

**Surface Preparation:** The surface to be repaired must be structurally sound and clean, free from any dirt, oil, grease, paint or other contaminant. Use either mechanical means (such as sandblasting, wire brush) or chemical means (such as a 10% trisodium phosphate solution) to thoroughly clean the area before repair. Smooth surfaces should be roughened by mechanical means or a 10% muriatic acid solution.

**NOTE:** acid solution must be washed off the surface thoroughly with water. Clean the area to be repaired with potable water, leaving the concrete saturated but free of standing water. Some very porous concretes may require several applications of water to ensure complete saturation.

**Mixing: use as a Bond Coat:** Apply KING Concrete Adhesive with a paint brush or roller. Coat the entire surface evenly, leaving no puddles. Apply the prepared patching material while the bond coat is still tacky.

**Mixing: use in the repair mix:** Substitute KING Concrete Adhesive in place of water when mixing SAKRETE Concrete Mix, SAKRETE Sand Mix or SAKRETE Mortar Mix. Do not dilute the KING Concrete Adhesive before adding it to the mix. To obtain the desired consistency it may be necessary to add a slight amount of water. Add only a little at a time. **NOTE:** When working with concretes containing air entrained agents i.e. SAKRETE PSI 6000 use only as a bond coat.

**Placing:** Use a trowel and force the mix well into all voids in the prepared surface. Finish trowelling should be done right away. Do not over trowel.

**Curing:** When used in the repair mix prevent rapid drying. During hot weather or low humidity, cover the repair and protect from direct sunlight for 24 hours. For the next three days moisten the surface occasionally with a fine spray of water. Under normal conditions, repaired areas may be used for light traffic after 24 hours and heavy traffic after 48 hours. When use as a bond coat, follow the concrete product's curing recommendations.

### PAINTING

Concrete must be fully cured (approximately 28 days) and dry before painting. Refer to paint manufacturer directions for application instructions.

### YIELD

As a bond coat: 946 ml will cover approximately 5 m<sup>2</sup> (50 ft<sup>2</sup>) depending upon surface porosity and condition.

### CLEAN UP

Clean all tools and equipment with water immediately after use.

### SHELF LIFE

Approximately one year at temperatures between 5°C and 20°C. Do not allow to freeze.

### PACKAGING

946 mL plastic bottle  
3.78 L plastic jug

### UPC

055226252092  
055226252030

### SAFETY PROCEDURES

Avoid contact with eyes and skin.

**FIRST AID TREATMENT:** In case of contact with eyes or skin, rinse thoroughly with water. If swallowed, drink 2 glasses of water. Call physician.

### WEBSITE

For more information and other projects, visit us at [www.king-products.com](http://www.king-products.com) or call us at 866-725-7383.



*Mixing Strength With Satisfaction*

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**KING Concrete Adhesive**  
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Warranty This product is designed to meet the performance specifications outlined in this product data sheet. If the product is used in conditions for which it was not intended, or applied in a manner contrary to the written recommendations contained in the product data sheet, the product may not reach such performance specifications. The foregoing is in lieu of any other warranties, representations or conditions, expressed or implied, including, but not limited to, implied warranties or conditions of merchantable quality or fitness for particular purposes, and those arising by statute or otherwise in law or from a course of dealing or usage of trade.

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