



# CRACK RESISTANT CONCRETE MIX

## DESCRIPTION

King Crack Resistant Concrete Mix is a fibre reinforced, high strength concrete mix with excellent workability.

## AIR ENTRAINMENT

Contains an air-entraining admixture which will produce a concrete with superior freeze-thaw and salt scaling durability.

## USES

Ideal for sidewalks, slabs, steps and patios. Strength after 3 days is 2,500 psi (17 MPa) and after 28 days is 4,000 psi (28 MPa). Exceeds ASTM C-387. Open to foot traffic in 24 hours.

## MIXING

Empty contents of bag into a mortar box, wheelbarrow, concrete mixer or onto a smooth surface. Add clean water at the rate of 2.2 litres (2 quarts) per bag and mix thoroughly. If too stiff add more water, a cupful at a time. Avoid a soupy mix.

## MAKING SLABS

**Application:** Place mixed concrete where desired and ensure all voids are filled. Level the surface with a straight edge board. Allow mix to stiffen before troweling.

**Finishing:** To achieve a rough surface, use a wood float. For textured roughness, use a broom or brush to finish after troweling. For a smooth surface use a steel trowel. For greater details see “Constructing Slabs and Walks” project at [www.king-products.com](http://www.king-products.com).

## SETTING POSTS

Use a post-hole auger digger and dig to below the frost line in your area. Place a post in the centre of hole and allow approx. 2” (5 cm) on all sides and pour in mixed Crack Resistant Concrete. Level post while mix is wet. Allow to cure for 24 hours then top with soil.

## FOR REPAIRING

Square up opening to be patched. Remove loose materials and clean surface thoroughly. Dampen surface just before applying Crack Resistant Concrete Mix.

## CURING

Allow newly placed material to set until the surface is hard to the touch. Crack Resistant Concrete will set in 4 to 6 hours. Keep material damp or cover with plastic to prevent evaporation of mix water. Protect from freezing for at least 48 hours. New concrete can be opened to foot traffic in 24 hours.

## PACKAGING

Packaged in 30 kg (66 lb) multi-ply, moisture proof bags.

## COVERAGE

One bag covers approx. ½ cubic foot or 0.014 cubic meters.

## SPECIFICATIONS

Will meet or exceed 4,000 psi (28 MPa). Exceeds strength requirements of ASTM C-387 when used as directed.

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.

## **KING CRACK RESISTANT CONCRETE MIX**

### **IMPORTANT**

Store in a dry place.

### **CAUTION**

CAUSES BURNS. Do not swallow. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Handle with care. Keep out of reach of children. Wear safety glasses, protective clothing and dust mask. Use only in a well-ventilated area.

**FIRST AID TREATMENT:** Contains cement, when wet forms a calcium hydroxide solution. If swallowed call a poison control center or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for at least 15 minutes. If on skin, rinse well with water. If on clothes remove clothes. If breathed in, move person to fresh air.

### **WEB SITE**

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