



# Contractors 5000

**A quality mixture of sand, pea gravel and Portland cement. For repair and building jobs where concrete thickness exceeds 2 inches (50 mm). Ideal for cold weather applications. Use on sidewalks, driveways, foundations, steps, setting posts and poles. Just add water and mix. Exceeds strength requirements of ASTM C 387.**

**FOR COUNTERTOP APPLICATIONS, the concrete can be applied to a minimum thickness of 1-1/2". Endorsed by CHENG Concrete, the leading innovator in the design and creation of concrete countertops by Fu-Ung Cheng.**

#### **SAFETY:**

READ and UNDERSTAND the Material Safety Data Sheet (MSDS) before using this products. WARNING: Wear protective clothing and equipment. See HMIS block. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA). KEEP OUT OF REACH OF CHILDREN.

#### **PREPARATION:**

When repairing concrete, remove all loose and foreign material. Dampen adjoining concrete surfaces.

#### **MIXING:**

Empty the contents into a mortar box, wheelbarrow or mechanical mixer. When mixing by hand, form a crater for adding water. Add approximately 3.5 quarts (3.31 L) of clean water. If too stiff, add more water a little at a time. AVOID A SOUPY MIX. Excess water reduces strength and durability and can cause cracking. In cold weather use warm water to accelerate the set. Use cold water to slow the set in hot weather.

#### **PLACEMENT:**

Place and consolidate the SAKRETE® Contractors 5000. Work the material into voids, then level the surface with a straight edge board. Allow freshly placed concrete to set about 1 hour or until the surface water has begun to disappear before finishing. Time will vary with weather conditions.

#### **FINISHING:**

Level with screed and allow the bleed water to evaporate. Use a float to remove surface imperfections and trowel to a smooth finish. For a rougher surface, use a broom. Refer to ACI 302. Finishing cementitious materials too early or over-working the materials can cause dusting, cracking, scaling and a weak surface.

#### **CURING:**

Allow concrete bleed water to disappear (usually 30-60 minutes) after troweling and apply a membrane forming curing compound such as US SPEC Maxcure Wax White or Maxcure Resin Clear. If no curing compound is available it is important to moist cure the concrete with water for up to 3 days.

#### **STORAGE:**

Store in a tightly closed container off the floor in a dry place.

#### **TECHNICAL DATA:**

Exceeds ASTM C 387 when used as directed.

#### Compressive Strength

3 days	2,500 psi (17 MPa)
7 days	3,500 psi (24 MPa)
28 days	5,000 psi (34 MPa)

#### **COVERAGE:**

To determine the coverage: Multiply Length x Width x Thickness all in feet (meters)= cubic feet (cubic meters): divide by 0.60 cubic feet (0.016 cubic meters per bag= number of 80 lb. (36.2 kg) bags needed for given job.

NOTE: Convert all measurements in inches (mm) to feet (meters). 4 inches (100 mm)= 0.33 feet (0.1 m).

#### **PACKAGING:**

80 lb. bag (36.2 kg) - UPC: 0-9722613080-2

The Pro's Choice Since 1936



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## ENVIRONMENTAL ADVISORY:

Uncured or crushed cured cement is an environmental hazard, which may adversely affect fish and wildlife. Dispose of construction debris containing cement, including empty bags, at a permitted municipal disposal firm. Do not use crushed concrete as a fill near an aquatic habitat.

### HMIS BLOCK

CONTRACTORS 5000	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

**WARNING! CAUSES IRRITATION** - Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Exposure may result in irritation of the skin, eyes or nasal passages from alkali in Portland cement. When wet, contact with the skin or eyes may result in irritation or burns.

**FIRST AID:** In case of eye contact, flush immediately with plenty of water. If irritation persists, get medical attention. **WARNING! HARMFUL IF INHALED** - Avoid breathing dust. Keep container closed. Use adequate ventilation. Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. Crystalline Silica has been classified by IARC and NTP as a carcinogen.

### LIMITED PRODUCT WARRANTY

US MIX Co. (Manufacturer) warrants to Buyer that this product at the time and place of shipment is of good quality and conforms to manufacturers' specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufactures' salespeople, distributors, or representatives or by any sales information, specifications of anyone other than manufacturer. Liability under this warranty is expressly limited to refund of the purchase price.

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