

The Pro's Choice  
Since 1936

PRODUCT #10280, 10360, 10540, 10445, 10190



# HIGH STRENGTH CONCRETE MIX

## DESCRIPTION

SAKRETE® High Strength Concrete Mix is a mixture of sand, coarse aggregate and cement.

## FEATURES AND BENEFITS

- Exceeds ASTM C-387
- Quality controlled
- Scientifically proportioned
- Factory blended
- Poly-lined moisture resistant bag
- Sets posts and poles in 6 hours
- Walk on time 24 hours
- Just add water and mix

## APPLICATIONS

- Building or repairing walkways, floors and patios
- Building footings
- Setting load-bearing poles and posts
- For applications of 2 inches (50 mm) in thickness or more

## SAFETY

Read and understand the MSDS before using this product. **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. (See Table below) Add 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 cool water to slow the set in hot weather.

40 lb. (18.1 kg)	2 qts. (1.8 L)
45 lb. (20.4 kg)	2.25 qts. (2.1 L)
60 lb. (27.2 kg)	3 qts. (2.8 L)
80 lb. (36.2 kg)	4 qts. (3.7 L)
90 lb. (40.8 kg)	4.5 qts. (4.2 L)

Water amounts are approximate.

## PLACEMENT

Place and consolidate the SAKRETE® High Strength Concrete Mix. 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

Begin finishing when the surface is firm to the touch. Time will be shorter in hot weather and longer in cold weather. For a rough surface use a wood float. After floating use a broom or brush to texture the surface. For a smooth surface use a steel trowel. Use an edging tool.

## CURING

In hot weather cover with a wet clean curing cloth and plastic. Keep continuously wet for a minimum of 3 days. In cold weather adequately cover and keep from freezing for a minimum of 24 hours.

## 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

7 day	2,470 psi (17 MPa)
28 day	4,000 psi (27 MPa)

## PRECAUTIONS

- Not for applications less than 2 inches thick.
- Do not place when temperatures are below 40°F (4°C)
- Protect from freezing for 24 hours

## COVERAGE

Bag size	Yield
40 lb. (18.1 kg)	.30 cu. ft. (.008 cu. m)
45 lb. (20.4 kg)	.34 cu. ft. (.01 cu. m)
60 lb. (27.2 kg)	.45 cu. ft. (.012 cu. m)
80 lb. (36.2 kg)	.60 cu. ft. (.016 cu. m)
90 lb. (40.8 kg)	.68 cu. ft. (.02 cu. m)

To determine the number of bags needed:  
Multiply (length x width x depth) divided by yield

## POST ESTIMATING GUIDE

Number of bags requires assuming a 10 inch (.25m) diameter hole

	12 in. (.3m)	18 in. (.45m)	24 in. (.6m)	30 in. (.76m)
40 lb.	1.8	2.7	3.6	4.5
45 lb.	1.6	2.4	3.2	4.0
60 lb.	1.2	1.8	2.4	3.0
80 lb.	.9	1.4	1.8	2.2
90 lb.	.8	1.2	1.6	2.0

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## PACKAGING

40 lb. bag (18.1 kg) - UPC: 7-64661-10540-4

45 lb. bag (20.4 kg) - UPC: 7-64661-10445-2

60 lb. bag (27.2 kg) - UPC: 7-64661-10360-8

80 lb. bag (36.2 kg) - UPC: 7-64661-10280-9

90 lb. bag (40.8 kg) - UPC: 7-64661-10190-1

All sizes not available in all areas

**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 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 for at least 15 minutes and get prompt medical attention; for skin, wash thoroughly with plenty of soap and water. **HARMFUL IF INHALED** - Avoid breathing dust. Keep container closed. Use with 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

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the date the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement of defective product or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.

The SAKRETE Companies

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