

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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