The Pro's Choice Since 1936

SAKRETE® High Strength Concrete Mix

Sakrete® High Strength Concrete Mix is a quality mixture of sand, coarse aggregate and cementitious materials. For repair and building jobs where concrete thickness exceeds 2 inches (50 mm). Ideal for pouring footings, setting posts and poles, and building walkways, driveways, patios and steps. When used as directed, SAKRETE High Strength Concrete Mix meets or exceeds the strength specifications in ASTM C 387.

SAFETY:
READ and UNDERSTAND the Material Safety Data Sheet (MSDS) before using this product. 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. (See table below) 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.

40 lb. (18.1 kg)	1.75 qts. (1.7 L)
45 lb. (20.4 kg)	2.25 qts. (2.1 L)
60 lb. (27.2 kg)	2.5 qts. (2.4 L)
80 lb. (36.2 kg)	3.5 qts. (3.3 L)
90 lb. (40.8 kg)	4.5 qts. (4.3 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:
Level with a 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:
Curing means maintaining proper moisture and temperature. Account for local environmental conditions when selecting the curing method. High heat, low humidity or wind will increase the evaporation of water. Keep the surface damp, using a sprinkler, wet burlap, Sakrete Cure 'N Seal or cover with plastic for several days as needed. In cold weather adequately cover and keep from freezing for a minimum of 24 hours. Refer to ACI 308.

TECHNICAL DATA:
Meets or exceeds compressive strength requirements of ASTM C387.

Typical Compressive Strength*

7 day	2,500 psi (17 MPa)
28 day	3,500 psi (24 MPa) - 4,000 psi (27 MPa)

* When tested under laboratory conditions. Due to the variability of local cements and aggregates, the color, texture and compressive strength can vary in different parts of the country. Call Sakrete at 866-sakrete for specific information in your area.

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

COVERAGE:
To determine 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).

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 from chart above.

PACKAGING:
40 lb. bag (18.1 kg) - UPC: 7-64461-10540-4
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

Not all sizes available in all areas

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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.

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 for at least 15 minutes and get prompt medical attention; for skin, wash thoroughly with plenty of soap and water. If irritation persists, get medical attention. WARNING! HAMFUL 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
866-SAKRETE
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