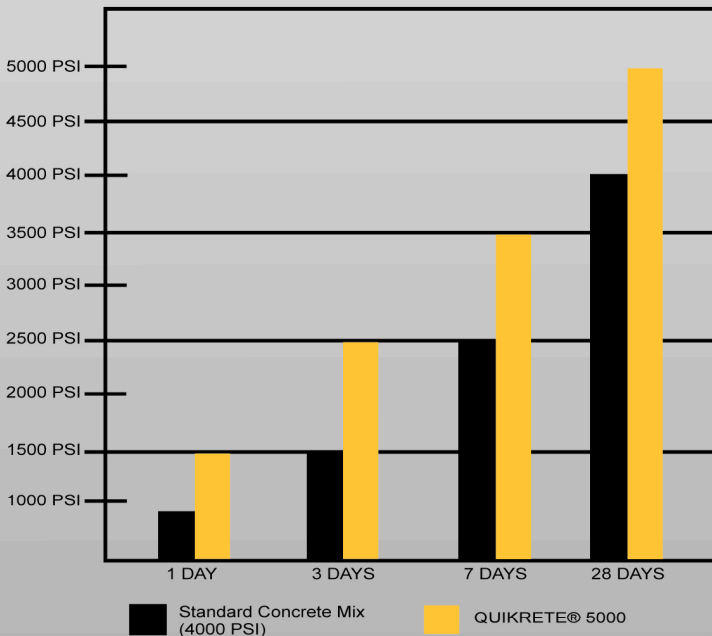


COMMERCIAL GRADE QUIKRETE® 5000



QUIKRETE® 5000 vs. Standard Concrete Mix Compressive Strength (ASTM C387)



Note: Regular QUIKRETE® Concrete Mix (Product #1101-yellow bag) is designed to meet the compressive strength requirements for standard concrete per ASTM C387.

A Professional Mix for Professional Results

When it comes to superior ready-to-use concrete mix, nothing works faster than QUIKRETE® 5000 (Product #1007). QUIKRETE® 5000 is designed with High Early Strength portland cement for improved workability and faster strength gain than standard concrete mix. It even sets quickly in cold weather. So stock up on QUIKRETE® 5000. It sells as fast as it sets.

The QUIKRETE® 5000 Advantage

- Rapid strength gain speeds up project completion
- Improved workability for an exceptional concrete finish
- Ideal for cold weather application
- Reaches 5000 PSI in 28 days, 3000 PSI in 7 days.
- Walk-on time is 10-12 hours
- Use for slabs, footings, steps, columns, and walls
- Greater freeze/thaw durability
- Packed in convenient 80lb. and 60lb. multi-walled bags that yield approximately 2/3 cubic feet

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1. Product Name

QUIKRETE® 5000 High Early Strength Concrete Mix - #1007

2. Manufacturer

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Road, Suite 1300
Atlanta, GA 30305
Phone (404) 634-9100
Fax (404) 843-1424

3. Product Description

Basic Use: For any concrete use requiring high early strength. QUIKRETE® 5000 has been designed to produce faster strength gains and improved workability than conventional concrete. QUIKRETE® 5000 sets quickly, making it ideal for cold weather applications. Has a walk on time of about 10-12 hours (sooner in hot/warm weather).

Coverage: An 80-lb. (36.3kg) bag yields approximately 0.60 cubic feet (17L).

Colors: Gray

4. Installation

Surface Preparation of Damaged Areas: Chip away all cracked and crumbling areas. If area is large, tap out damaged areas lightly with an 8-lb. sledgehammer. Be sure to remove all loose concrete, dust, dirt, loose paint, and other foreign materials down to a solid base. Apply a coat of QUIKRETE® Concrete Bonding Adhesive (#9902) to the cleaned surface with a brush or paint roller as you would a heavy coat of paint. Allow Adhesive to become "tacky".

Temperature of Water: Because of QUIKRETE® 5000's rapid setting time, special precautions must be made as set times will fluctuate in extremely hot or cold weather.

Use cold water or water mixed with ice cubes in severely hot weather, use hot water when mixing in severely cold weather.

Machine Mixing Instructions:

QUIKRETE® 5000

can be mixed in a barrel-type concrete mixer or a mortar mixer. Choose the mixer size most appropriate for the size of the job to be done.

For each 80-lb. bag of QUIKRETE® 5000 to be mixed, add approximately 7 pints (3.3L) of fresh water to the mixer. Turn on the mixer and begin adding the bags of concrete to the mixer. If the material becomes too difficult to mix, add additional water until a workable mix is obtained. Final water content

should be approximately 7-10 pints (7/8- 1 1/4 gals.) of water per 80lbs. of concrete.

Hand Mixing Instructions:

Add approximately 7 pints (7/8 gals.) of clean water. Work the mix with a shovel, rake or hoe until you have achieved a plastic-like consistency. Be sure all material is wet. Do not leave standing puddles.

Application: Pour the mix over the entire area. Level and smooth new surface with trowel. Finish surface in two steps: (1) Immediately after pouring, level area by troweling with one or two passes. (2) Wait until surface water has evaporated or material had turned dull, and finish troweling. For best results, do not over-work material.

Curing: Proper curing of all cement mixes is necessary for maximum strength to be achieved. Concrete which has been moist-cured will be stronger than that exposed to dry air.

5. Availability

QUIKRETE® 5000 is available at leading concrete construction supply houses and distributors. Pallets are all exactly alike; strong, hardwood, two-faced, heavy duty pallets and can be returned for credit. Shrink-wrapping is available for pallets

6. Maintenance

None required

7. Technical Services

The QUIKRETE® Companies maintain technical field representatives throughout the country. Contact your local distributor for the name and number or call QUIKRETE® Construction Products at (404) 634-9100.

QUIKRETE® 5000 Compressive Strength (ASTM C387)		
TIME	PSI STRENGTH	METRIC
1 day	1500 psi	(10.3Mpa)
3 days	2500 psi	(17.2Mpa)
7 days	3500 psi	(24.1Mpa)
28 days	5000 psi	(34.5Mpa)

Uses: For pouring concrete 2" (51mm) thick or more. For building or fixing anything out of concrete.

Composition and Materials: QUIKRETE® 5000 consists of a uniformly blended properly proportioned mixture of stone/gravel, sand, and cementitious materials approved for use in concrete.

Packaging: QUIKRETE® 5000 is packaged in multi-walled strong and economical kraft paper bags. It is available in a large 2/3 cu. ft. size (80lbs. —36.29kg).

