

Quick Set Cement

Description

Pakmix[®] Quick Set Cement is a scientifically formulated blend of cement, silica sand, and other ingredients for fast setting repair of concrete and masonry surfaces. It is ready for use in 4 hours.

Physical Properties

COMPRESSIVE STRENGTH (ASTM C-109*)

1 Day	3 Days	7 Days	28 Days
2,700 psi	4,100 psi	5,000 psi	5,900 psi
18.60 MPa	28.25 MPa	34.45 MPa	40.65 MPa

*Notes: 73° F (22.8° C) 55% Humidity, 5 qt. water/50 lb. material

RATE OF SET (ASTM C-266)

Initial	Final
:22	:33

RATE OF SET (ASTM C-882)

Age	PSI
1 day	1017
7 days	1482

100% of bond rupture was observed in the dummy sections of the specimen and not at the point of bond interface.

LENGTH CHANGE - 28 DAYS (ASTM C-157)

Storage	% Length Change Average
Air	(-)0.10%
Water	(+)0.01%

Suggested Uses

- Repair curbs and steps without the use of forms
- Patch stucco and precast concrete
- Seal or fill holes in concrete and masonry
- Repair minor defects in concrete pipe
- Overhead repairs
- Roads and driveways

Preparation

All surfaces should be clean and free of oil, gas, paint, grease, etc. before applying the mix. Dampen the existing concrete surfaces completely. Remove standing water. Roughen the existing surface mechanically or with an etching solution for best results. The use of Pakmix[®] Concrete Glue is recommended for maximum strength. Apply Pakmix[®] Concrete Glue to the cleaned surface prior to applying the cement.

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Directions for Mixing

Pour the necessary amount of Pakmix[®] Quick Set Cement into a clean pail or similar easy to use container. Add clean water at a rate of 1 part water to 3-1/2 to 4-1/2 parts of the mix or 1 qt. to 10 lbs. of the mix. Mix only as much as can be used in about 5 minutes.

Items You May Need

- Pail for mixing
- Knife for sculpting
- Pakmix[®] Concrete Glue
- Paint brush
- Trowel

Packaging and Yields

1 lb. fills approximately 17 cu. in. or will cover an area approximately 135 sq. in. x 1/8" thick. Packaged in 10 lb. plastic pails.

For Best Results

Use only when temperature is 40° F and above. In cold weather use warm, not hot, water for mixing to speed set time. In hot weather, use cold water for mixing to slow set time.

Clean Up

Clean up is easy with soap and water. Rinse the tools before the materials hardens.

Material Safety Data Sheet available upon request.

10 lb. Pail



CAUTION • AVOID CONTACT WITH SKIN • INJURIOUS TO EYES Contains Portland Cement (CAS #65997-15-1). Freshly mixed cement, mortar, concrete, grout, or stucco may cause skin injury including severe alkali burns. If exposed, wash skin promptly and repeatedly for 15 minutes and get prompt medical attention. The use of gloves and protective eye wear is recommended. If any cement or cement mixtures get into the eye, rinse immediately and repeatedly with water for 15 minutes and get prompt medical attention.

WARNING INHALATION HAZARD Avoid inhalation of dust from this product, which contains crystalline silica and other chemicals, which may cause lung disease and cancer. Use with mechanical ventilation or respiratory protection (dust mask).

EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES Neither the manufacturer nor the retailer of this product shall be liable for any incidental or consequential damages caused by the use of this product.

KEEP OUT OF REACH OF CHILDREN

DISCLAIMER AND LIMITATION OF LIABILITY This material is warranted to be of good quality. Upon receipt of a claim within one year from the date of sale, defective material will be replaced or the purchase price refunded at the option of the manufacturer. Except for the foregoing, all warranties, express or implied, including merchantability and fitness for a particular purpose, are excluded. No liability is assumed for any consequential, incidental or special damages arising directly or indirectly from the use of the material.