

# PORTLAND CEMENT

PRODUCT NO. 1124-31, -47, -94

## PRODUCT DESCRIPTION

QUIKRETE® Portland Cement is a high quality Portland cement meeting ASTM C 150 Type I.

## PRODUCT USE

QUIKRETE® Portland Cement is used for making high strength repair mortars, concrete and for any other applications requiring Type I Portland cement. In many locations the product also meets ASTM C 150 Type II. Consult your supplying plant to confirm compliance with ASTM C 150 Type II.

## SIZES

- QUIKRETE® Portland Cement
  - 31 lb (14 kg) bags
  - 47 lb (21.3 kg) bags
  - 94 lb (42.6 kg) bags
  - 40 kg (88 lb) bags
  - 42 kg (93 lb) bags

## YIELD

• Yield depends on application. For concrete mixes: Five to six 94 lb (42.6 kg) bags of QUIKRETE® Portland Cement is typically used with appropriate proportions of sand and gravel to produce 1 cu. yd. (0.8 m<sup>3</sup>) of concrete.

## TECHNICAL DATA

QUIKRETE® Portland Cement complies with ASTM C 150 Type I and in many locations also complies with ASTM C 150 Type II. The product is used in a variety of construction materials. Typical mix designs for some applications are listed below:

### **Concrete Mix**

- 1 Part QUIKRETE® Portland Cement
- 2 Parts QUIKRETE® All-Purpose Sand (ASTM C-33)
- 3 Parts QUIKRETE® All-Purpose Gravel (ASTM C-33)

### **Mortar Mix (Type S, per ASTM C-270)**

- 1 Part QUIKRETE® Portland Cement
- 1/2 Part QUIKRETE® Hydrated Lime -Type S
- 3-1/2 to 4-1/2 Parts QUIKRETE® Masonry Sand (ASTM C-144)

### **Scratch and Brown Coat Stucco Mix (per ASTM C-926)**

- 1 Part QUIKRETE® Portland Cement
- 1/2 Part QUIKRETE® Hydrated Lime (Type S)
- 4-1/2 to 6 Parts QUIKRETE® Washed Plaster Sand (ASTM C-897)

## DIVISION 3

Cement  
03 05 00



## INSTALLATION

Installation methods are specific for each type of product.

## PRECAUTIONS

- The following points apply to all products made from Portland cement:
- Protect from freezing for at least 24-48 hr.
  - Use the minimum amount of water necessary to achieve the desired consistency. Adding too much water will weaken the product.
  - Keep the product damp for several days to obtain proper curing.

## WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

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\* Refer to [www.quikrete.com](http://www.quikrete.com) for the most current technical data, MSDS, and guide specifications