



Lafarge Portland Cement

LAFARGE

Lafarge Portland Cement is a high quality, cost-effective basic building material used in virtually all forms of construction, from hospitals and homes to schools, tunnels and airports. Lafarge Portland Cement meets or exceeds all applicable chemical and physical requirements of ASTM C 150.

Product Description

Portland Cement

ASTM C 150 Type I, Type IA, Type II, Type I/II, Type III, Type V

Basic Use: Lafarge Portland Cement is a cost-effective basic building material. It can be used in a wide variety of commercial and architectural concrete construction applications. Uses include cast-in-place, pre-cast, tilt-up, water tanks, drains, bridges, roads, pipes, concrete masonry units, pre-stressed concrete members, masonry mortars and grouts.





LAFARGE PORTLAND CEMENT

Type I – This is a general-purpose cement suitable for all uses where the special properties of other types of portland cement are not required.

Type IA – This cement contains an additive that will entrain air bubbles to aid in durability when concrete is exposed to freezing temperatures.

Type II – For general use, especially when moderate sulfate resistance or moderate heat of hydration is desired.

Type I/II – This is Type II portland cement that also meets the less restrictive Type I requirements. It is suitable for use when either type is desired.

Type III – This cement provides high early strength when compared with Type I.

Type V – This is for use when high sulfate resistance is desired. Type V generally gains strength more slowly than Type I.

Options

Select Lafarge North America manufacturing plants produce air-entrained (Type IA) portland cement that contains an additive that will entrain air bubbles to aid in durability when concrete is exposed to freezing temperatures. Similarly, certain locations manufacture cements meeting the optional physical and chemical requirements of ASTM. Contact your local Lafarge North America representative for product use and availability.

Technical data

Lafarge Portland Cement meets or exceeds all applicable chemical and physical requirements of ASTM C 150.

Use and limitations

Lafarge North America manufactures all products in accordance with strict QA/QC (quality assurance and quality control) procedures to ensure optimum product performance and uniformity. However, there are many variables that affect concrete performance that are beyond the control of the cement manufacturer. Good concreting practices in accordance with the American Concrete Institute are required to achieve desired results. Skilled persons should use these products with special attention given to formwork, batching, mixing, placing, finishing and curing. In most applications, quality aggregates, admixtures and additives should be utilized. For detailed information, contact your Lafarge North America sales office.

Precautions

Direct contact with wet cement should be avoided. If contact occurs, the skin should be washed with water as soon as possible. Exposure can cause serious, potentially irreversible tissue destruction in the form of chemical (caustic) burns. If cement gets into the eyes, immediately rinse thoroughly with water and seek medical attention. For more information, reference the applicable Lafarge Material Safety Data Sheet (MSDS). The MSDS should be consulted prior to use of this product and is available upon request and online at www.lafargenorthamerica.com.

Product Name

Lafarge Portland Cement

Manufacturer

Lafarge North America Inc.
12950 Worldgate Drive, Suite 500
Herndon, Virginia 20170
www.lafargenorthamerica.com

Contact your Lafarge Regional Office for specific product information, availability and ordering.

Great Lakes Region

Southfield, Michigan
Phone: 248-354-9050

Northeast Region

Montréal, Québec
Phone: 514-861-1411

River Region

Lee's Summit, Missouri
Phone: 816-251-2100

Southeast Region

Alpharetta, Georgia
Phone: 678-746-2000

Western Region

Calgary, Alberta
Phone: 403-271-9110

Limited Warranty

Lafarge warrants that Lafarge Portland Cement meets all applicable requirements of ASTM C 150. Lafarge makes no other warranty, whether of merchantability or fitness for a particular purpose, with respect to Lafarge Portland Cement. Having no control over its use, Lafarge will not guarantee finished work in which Lafarge Portland Cement is used.

