



PORTLAND
CEMENT

TYPE
I

TYPE
IA

TYPE
III

Product Name: Type I, Type IA, Type III Portland Cement
Manufacturer: Keystone Cement Company

Product Description

Keystone Type I Portland Cement is a general use Portland cement.

Keystone Type IA Portland Cement is an air entrained general use Portland cement.

Keystone Type III Portland Cement is a high early strength Portland cement.

Benefits

Meets ASTM C150 requirements for Portland cements.
Compatible with common supplementary cementitious materials and admixtures for a variety of applications.

Composition and Materials

Keystone Portland Cements are finely ground blends of Portland cement clinker interground with gypsum to optimize plastic and hardened properties of concrete.

Keystone Portland Cements are uniformly blended and undergo frequent quality control testing to ensure consistent conformity to all governing standards.

Package Size

Keystone Portland Cement Type I and **Type III** is available in bulk or 94 lbs. Bags.

Keystone Portland Cement Type IA is available in 94 lbs. Bags.

Technical Data

Applicable Standards:

ASTM C150 Standard Specification for Portland Cement.
AASHTO M85 Standard Specification for Portland Cement.

Keystone Portland Cement Type I meets or exceeds all requirements for ASTM C150 and AASHTO M 85 Type I Portland cements.

Keystone Portland Cement Type IA meets or exceeds all requirements for ASTM C150 and AASHTO M 85 Type IA Portland cements.

Keystone Type III Portland Cement meets or exceeds all requirements for ASTM C150 and AASHTO M 85 Type III Portland cements.

Applications and Use

Basic Use

Keystone Type I Portland Cement is ideal for all concrete applications, including ready mixed concrete, precast concrete, and block and concrete paving units.

Keystone Type IA Portland Cement is optimized for use in general purpose concrete applications that require entrained air. Air entrainment admixture is added during the manufacturing process to improve durability in exterior concrete that is subjected to freeze/thaw conditions.

Keystone Type III Portland Cement is used for concrete applications in which higher early strength is desired. Finely ground cement used for high early applications in precast, cold weather, and patching.

Follow all applicable building codes and site specific specifications.

Limitations

There are many variables that affect the performance of concrete. Good concrete practices are required to ensure the performance of the final product. Such practices include, but are not limited to, batching, mixing, placing, and curing.

Careful control of all materials, including aggregates, admixtures and supplementary cementitious materials, is essential to ensure intended performance.

Trial batching and laboratory testing are imperative to ensure accurate proportioning required to achieve desired plastic and hardened properties.

Technical Service

Certification Reports available upon request.
For technical assistance or inquiries please contact us:

www.keystonecement.us



6507 Nor Bath Blvd., Bath, Pennsylvania 18014, ☎ (800) 845-1174

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Precautions

Portland cement is caustic. May cause severe burns and eye damage. Harmful if swallowed. May cause lung irritation if inhaled.

Prevention

Avoid inhalation. Avoid contact with skin and eyes. Wear appropriate personal protective equipment.

For more complete information, reference the Safety Data Sheet (SDS) located at **GCHI Now** Customer Portal at :

www.keystonecement.us

Or upon request by contacting customer service at **(800) 845-1174**.

First Aid

Eyes: Irrigate eyes with water for at least 15 minutes, including under the lid, to remove all particles.

Contact physician immediately.

Skin: Flush the exposed skin with cool water and a pH neutral soap or mild detergent for at least 15 minutes. Immediately remove all contaminated clothing, including footwear. If irritation persists, consult physician.

Inhalation: Remove to fresh air. Seek medical attention for discomfort or if coughing or other symptoms persist.

Ingestion: Do not induce vomiting. Seek medical attention or contact poison control center immediately.

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Availability

Contact customer service at **(800) 845-1174** or local sales representative for information on availability.

Quote requests are also available at

www.keystonecement.us



Warranty

Keystone Cement Company, warrants that this product meets applicable ASTM requirements. Keystone Cement Company makes no other warranty or representation, expressed or implied, including, without limitation, any warranty of merchantability or fitness for a particular purpose, all of which are expressly disclaimed. Due to the lack of control over its use. Keystone Cement Company shall have no other obligation or liability for damages to the buyer or any other person of any type, including, but not limited to, incidental, special, or consequential damages, loss of profits or other commercial loss, or any other loss, damage, or expense.



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