

PRODUCT DATA SHEET

Division 3-Concrete Division 4-Masonry



PRODUCT NAME

- Lehigh White Portland Cement Type I
- Lehigh White Portland Cement Type II/V
- Lehigh High Early Strength White Portland Cement, Type III
- Lehigh White Portland Cement - Water Repellent Added
- Lehigh White Masonry Cement, Type N
- Lehigh White Masonry Cement, Type S

MANUFACTURER

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PRODUCT DESCRIPTION

Portland cement is the most widely used construction material in the world. Since 1897, the name Lehigh has meant quality in the cement industry. Lehigh White Cement has a well established reputation for serving the construction industry with high performance products that encourage creativity and ensure longevity.

Lehigh White Cement is the foremost supplier of white cements in North America; the company actively participates in educational programs, trade associations and industry expositions throughout the United States.

Depending on the application, Lehigh cement products may be specified in Division 3 - Concrete or Division 4 - Masonry.

APPLICATIONS

Lehigh White Portland Cement, Type I

• Lehigh White Type I Portland Cement is recommended for general architectural applications, such as; precast and prestressed architectural concrete, cast-in-place architectural and structural concrete, architectural concrete masonry, swimming pools and spas, colored mortars, ornamental statuary, reflective floors, floor tiles and pavers, cast stone, terrazzo, tile grout, glass fiber reinforced concrete products, concrete countertops, concrete roof tiles, traffic calming and delineation, median barriers, bridge parapets, sound walls, retaining walls, tunnel construction and reflective concrete paving. Lehigh White Type I Portland Cement may be used as a base to produce vibrant and true colors prized in almost any architectural concrete application.

Lehigh White Portland Cement - Type II/V

• Is typically suitable for the same applications as Type I cement. It is often specified when concrete will be exposed to seawater, soils and or ground water that have elevated sulfate contents or in mass concrete work where lower heat of hydration is desired.

Lehigh High Early Strength White Portland Cement, Type III

• Precast and prestressed architectural concrete, architectural concrete masonry units, cast stone, concrete brick, pavers, roof tile, cold weather construction or any application requiring high early strengths.

Lehigh White Portland Cement - Water Repellent Added

• Plastering applications, masonry mortar, tile grout and as a component in the manufacturer of cementitious coatings and water repellent products.

Lehigh White Masonry Cement, Type N

• For use in masonry mortar where a white or bright colored mortar joint is desired; for use in preparing Type N Mortar as described in ASTM Specification C270, Standard Specification for Mortar for Unit Masonry.

Lehigh White Masonry Cement, Type S

• For use in masonry mortar where a white or bright colored mortar joint is desired; for use in preparing Type S Mortar as described in ASTM Specification C270, Standard Specification for Mortar for Unit Masonry.

QUALITY

Lehigh White Portland and Masonry Cements are produced using carefully selected raw materials and rigid manufacturing standards to assure uniform whiteness and strength. When consistent white or bright colors are desired you can depend on Lehigh White Cements.

SUSTAINABILITY

Portland cement is manufactured by combining four of the top five most common elements on earth. White cement concrete is primarily used in architectural applications and does not have to be painted or covered to look great. Concrete construction can significantly reduce energy consumption due to the thermal mass properties of the material, it is durable and has an unsurpassed service life. White Portland cement concrete has high reflectivity values which helps reduce heat island effects.

STORAGE

Lehigh White Portland and Masonry Cements are moisture sensitive materials. Portland cement must be kept dry in order to retain its quality. Bulk Lehigh White Portland Cement should be stored in weather tight bins or silos. Lehigh White Portland and Masonry Cement bags should be kept in a dry area and stored on pallets whenever possible.

AVAILABILITY

Lehigh White Portland Cement is available through a network of distributors throughout the United States. Lehigh White Masonry Cement is widely available through a network of distributors east of the Rocky Mountains. For more information on Lehigh products or technical assistance, visit us online at www.lehighwhitecement.com or phone 800-523-5488.

CAUTION

Portland cement when dry is non-hazardous. When in contact with moisture (such as in eyes or skin) or when mixed with water to make concrete, mortar or grout, it becomes highly caustic and will burn (as severely as third-degree) the eyes or skin. Inhalation of dry Portland cement can irritate the upper respiratory system. For additional safety information please reference our Material Safety Data Sheets available online at www.lehighwhitecement.com or phone 800-523-5488.

WARRANTY

The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. No other warranty, representation, or condition of any kind, expressed or implied (including NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), shall apply. Having no control over the use of cement, Lehigh Companies will not guarantee finished work, nor shall they be liable for consequential damages.

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Concrete Thinking
for a sustainable world

