PRODUCT DATA SHEET

LAFARGE WHITE MASONRY CEMENT

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Produce white or tinted mortars with style and performance

Lafarge White Masonry Cement Make a lasting impression by using Lafarge White Masonry Cement to produce white or tinted mortars. These distinctive mortars will add a unique level of style and performance to any project.

Product Description

Basic Use: Lafarge White Masonry Cement is designed to produce a uniform factory prepared and controlled white masonry cement for white or tinted mortars.

No additives, other than sand and water, are required to produce a consistent, durable mortar for use in these typical applications: concrete brick and block, decorative masonry units, portland cement plaster and stucco, clay brick and tile, glass block, and natural and manufactured stone.

Lafarge White Masonry Cement

Recommended Guide For Selection Of Mortar Type

Location	Building Segment	Mortar type
Exterior, at or above grade	load-bearing wall	S
	non-load-bearing wall	N
	parapet wall	S
	glass block	S
Interior	load-bearing wall	S
	non-load-bearing wall	N

Composition and Materials:

Lafarge White Masonry Cement is composed of white portland cement, Type S hydrated lime and plasticizers. These components are proportioned at the cement plant under controlled conditions to assure uniformity of performance.

Types:

Lafarge White Masonry Cement is produced in Types N and S strength levels for use in preparation of ASTM Specification C 270 Type N and S mortars, respectively, without further addition of cements.

Technical Data

Applicable Standards: Lafarge White Masonry Cement conforms to ASTM C 91, *Standard Specification for Masonry Cements*. Masonry cement is used to produce Types N and S mortars that comply with the proportion or property sections of ASTM C 270. Requirements for sand to be used with masonry cement to produce ASTM C 270 mortars are found in ASTM C 144.

Physical Properties

Lafarge White Masonry Cement mortars provide an excellent level of performance in the functional areas of workability, strength, durability and appearance that are so important to the mason, owner and designer.

The table above is a general guide for selection of mortar type. Other factors such as type and absorption of masonry units, climate and exposure, applicable building codes and engineering requirements should also be considered.

Limitations

Lafarge White Masonry Cement is designed to be mixed with white sand and water to produce a white masonry mortar. The addition of hydrated lime to a White Masonry Cement mortar at the job site is not required or recommended.

Installation

The only additional preparation necessary is the use of glass or Plexiglas jointers when tooling the mortar joints.

Sand: The use of white sand is necessary to produce a white masonry mortar. Sand gradation will also influence mortar color. Sands finer than those permitted by the specifications usually result in weak mortars.

Water: Water must be clean, potable, and of low iron content.

Proportion: 1 part Lafarge White Masonry Cement to 2-1/4 to 3 parts sand is a typical mix and will produce a mortar complying with ASTM C 270.

Mixing: Machine mixing should be done in a clean mechanical paddle mixer by placing 2/3 of the water in the mixer first, then 1/2 the sand volume, the Lafarge White Masonry Cement and the rest of the sand. Water is added to reach proper consistency. Mortar must be mixed for at least five minutes after all ingredients are in the mixer.

Retempering: Retempering of white mortar should be discouraged, as it can adversely effect final color. During hot, dry weather, the tendency for mortar to dry out can be reduced by keeping the mortar board wet and by covering the mortar in the mortar boxes.

Tooling: The use of glass or Plexiglas jointers is highly recommended. Proper tooling of mortar joints will help produce weathertight joints, uniform color and texture and a neat appearance. Tooling the joints helps prevent moisture penetration because the mortar is compacted into a dense, durable exposed surface. Exposed mortar joints should be tooled either concave or V-shaped.

Product Name
Lafarge White Masonry Cement:
Types N and S

Manufacturer
Lafarge North America Inc.
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www.lafarge-na.com

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.lafarge-na.com.

Limited Warranty

Lafarge warrants that Lafarge White Masonry Cement meets the requirements of ASTM C 91. Lafarge makes no other warranty, whether of merchantability or fitness for a particular purpose, with respect to Lafarge Masonry Cement. Having no control over its use, Lafarge will not guarantee finished work in which Lafarge White Masonry Cement is used.

Contact your Lafarge Cement office for specific product information, availability and ordering.

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