



Standard Compliance	Sibline's Masonry Cement meets or exceeds all the requirements specified in ASTM C 91 Standard Specification for Masonry Cement. Lafarge Masonry Cement, when combined with well-graded masonry sand meeting the requirements of ASTM C 144, will produce mortar conforming to the Proportion and Property Specification of ASTM C 270 Standard Specification of Mortar for Unit Masonry.
Basic Use	Sibline's masonry cement is specially formulated to produce high-quality masonry mortar for plastering, block laying, tiling preparation, and brick, block or stone construction. It provides excellent workability, strong adhesion, and a smooth, durable finish suitable for various masonry applications.
Composition and Materials	Sibline's masonry cement consists of a mixture of portland cement, limestone, and other materials to provide plasticizing properties and other enhanced performance attributes. These components are proportioned at the cement plant under controlled conditions to assure product consistency.
Physical Properties	Sibline's masonry cements conform to the physical requirements of ASTM C91& EN 413 (see Table 1).
Mixing	This masonry cement, when mixed with 1:2¼ to 1:3 ... of sand meeting ASTM C144 will produce a mortar that meets the ASTM C270 proportion specification. (Table 3). Machine mixing should be used whenever possible. First, add most of the water and half of the sand. Next, add the masonry cement and the rest of the sand. After one minute of continuous mixing, slowly add the rest of the water. Mixing should continue for at least three minutes; extending mixing up to five minutes improves mortar qualities.
Hot Weather Construction	Mortars exposed to hot winds and full sun will tend to lose workability due to the evaporation of water. Common sense precautions should be taken to protect the mortar such as shading the mixer, wetting mortar boards, covering wheelbarrows and tubs, and balancing mortar production to meet demand. If it is necessary to restore workability, mortar may be retempered by adding water and remixing. No mortar shall be used beyond 2½ hours after mixing. Please note that retempering may result in color variations of the mortar.
Cold Weather Construction	Mortar should be maintained at a minimum temperature of 40°F as prescribed by applicable standards. No admixtures should be used without the written approval of the architect or engineer of record.
Property Specifications	Under the property requirements of ASTM C270, cement-to-sand proportions are to be in the range of 1:2¼ to 1:3½, and should meet the requirements outlined in Table 4.
TABLE 4 Physical Requirements for Masonry Cement Mortars (ASTM C270)	No changes should be made in the field to the laboratory established proportions for mortar that has been tested and accepted under the property specification, except for the quantity of mixing water. Materials with different physical characteristics than those used in the laboratory should also not be used in the field without testing for compliance with the property specifications
Water	All water should be clean and free from organic material and deleterious amounts of dissolved acids, alkalis and salts.

Precautions	Freshly mixed cement, mortar, grout or concrete may cause minor skin irritations. Avoid direct contact with skin and eyes and if contacted, wash exposed areas promptly with water. Refer to the applicable CEMEX product MSDS prior to use which may be obtained by calling 1-800-99-CEMEX (1-800-992-3639).
Availability	Masonry cements are available in bags and can be ordered by contacting
Warranty	<p>Sibline warrants that the products identified are in accordance with the appropriate current ASTM specifications. No one is authorized to make any modifications or addition to this warranty.</p> <p>Sibline makes no warranty or representation either expressed or implied with respect to this product and disclaims any implied warranty of merchantability or fitness for a particular purpose.</p> <p>As Sibline has no control over other ingredients mixed with this product or the final application, Sibline does not and cannot warrant the finished work.</p> <p>In no event shall Sibline be liable for direct, indirect, special, incidental or consequential damages arising out of the use of this product, even if advised of the possibility of such damages. In no case shall CEMEX's liability exceed the purchase price of this product.</p>
Technical Services	Sibline personnel are available to provide technical assistance by contacting +00961 27 9700 97/8- M:00961 3 230027/8

