



Mortar cement

Product description

Brixment Mortar Cement is a prepackaged mortar cement meeting or exceeding the requirements of ASTM C 1329.

Heidelberg Materials carefully selects and blends the raw materials and follows stringent quality control procedures in the manufacturing of Brixment Mortar Cement. This attention to detail results in a superior performing masonry cement for use in mortar during construction and for long lasting, water-resistant walls.

Types and uses

Brixment Mortar Cement is available in Type S and N. Type S mortar can be used for above-grade and below-grade construction.

Material composition

Brixment mortar cement is a combination of portland limestone cement that meets ASTM C 595, finely ground limestone and proprietary admixtures that enhance boardlife and durability.

Applicable standards

Heidelberg Materials Mortar Cement conforms to the following requirements:

- C 1329 Mortar Cement
- C 270 Masonry Mortar
- C 780 Preconstruction and Construction Evaluation for Masonry Mortar



Key benefits

- Excellent workability
- Superior board life
- High bond strength
- Long-term durability



Applications

Heidelberg Materials Mortar Cement can be used for mortar in the construction of all types of masonry walls. The most common masonry units utilized are concrete block, clay and concrete brick and natural and manufactured stone.



Mixing and use

Assure that the mixing equipment is clean and in good working order. Aggregate shall conform to the requirements of ASTM C 144. Water shall be potable. Mix one bag (one cubic foot) of Heidelberg Materials Brixment Cement with no less than 2 ¼ and no more than 3 cubic feet of sand (ASTM C 144) according to table 1 of ASTM C270.

Start the mixer, place ¾ of the required amount of water, ½ the required amount of sand and all the Brixment mortar cement into the mixer. Mix briefly. Add the remaining sand and water to the mixer and mix for a minimum of 3 and a maximum of 5 minutes after the last mix water has been added. This assures homogeneity and workability of the mortar. Although minor retempering is allowed, mortar should be used or discarded after 90 minutes.

Set mortar units in mortar beds as quickly as possible after the mortar bed is placed. Avoid furrowing bed joints. Provide enough mortar to guarantee full head and bed joints. Don't attempt to move or adjust mortar units once the mortar has begun to stiffen. This can interfere with the bond between the mortar and the mortar unit. If one or more mortar units needs to be adjusted, remove the units and reset them in fresh mortar.

Mortar joints should be tooled when the surface is 'thumbprint' hard. Proper tooling increases the contact area between the mortar unit and mortar and provides for a weather-resistant joint. Improper or inconsistent timing when tooling joints lead to variation in the color of the mortar joint and could adversely affect weather resistance.

Delivery/storage

Brixment Mortar Cement is a moisture-sensitive material that must be kept dry in order to retain its quality. Product is available in multi-walled bags.

For more information on Mortar Cement, our company or our products, visit us online at:

heidelbergmaterials.us



Caution

Mortar Cement when dry is non-hazardous. When in contact with water (such as in eyes or skin) or when mixed with water to make fresh Mortar cement concrete, mortar or grout, it becomes highly alkaline and can irritate or burn the skin and injure the eyes when not properly handled. Direct contact should be avoided and if it does occur, the affected area should be washed with water immediately. If fresh Mortar cement concrete or Mortar cement gets into the eyes, rinse them thoroughly with water and seek medical attention. Inhalation of dry Mortar cement can irritate the upper respiratory system. For additional safety information please reference our Safety Data Sheets (SDS) available online at heidelbergmaterials.us

Warranty

The information and statements herein are believed to be reliable, but are not to be construed as the warranty or representation for which we assume legal responsibility. Heidelberg Materials mortar cements shall conform to the current Standard Specification for ASTM C 1329, and no other warranty, representation 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, seller will not guarantee finished work, nor shall seller be liable for consequential damages.