Brixment®

Masonry cement

Product description

Heidelberg Materials Masonry Cement is a prepackaged masonry cement meeting or exceeding the requirements of ASTM C91. A careful selection and blend of raw materials that follows stringent quality-control procedures in the manufacturing of Heidelberg Materials Masonry Cement. This attention to detail results in a superior performing masonry cement for use in mortar during construction to support long-lasting, durable masonry walls and structures.

Key benefits

- Excellent workability
- Superior board life
- Consistent color
- Long-term durability

Types and uses

Heidelberg Materials Masonry Cement is manufactured in three types: Type N, S, and M. ASTM C270 provides recommendations for mortar choices in a concise tabular format as shown below. According to this specification, it is recommended to use Type N mortar for most masonry work, unless there is a compelling reason to choose another mortar:

Location	Building Segment	Recommended Mortar	Alternative Mortar
Exterior above grade	Load-bearing walls	Type N	Type S or M
	Non-load bearing walls	Type O	Type N or S
	Parapet walls	Type N	Type S
Exterior at or below grade	Foundation walls, retaining walls, manholes, sewers, pavements, walks and patios	Type S	Type M or N
Interior	Load-bearing walls	Type N	Type S or M
	Non-load bearing walls	Type O	Type N

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Applicable standards

Heidelberg Materials Masonry Cement conforms to the requirements of ASTM C 91, Standard Specification for Masonry Cement.

Applications

Heidelberg Materials Masonry 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. Heidelberg Materials Masonry Cement can also be used for stucco and parging applications.

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

heidelbergmaterials.us

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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).

Start the mixer, place ¾ of the required amount of water, ½ the required amount of sand and all the masonry 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 masonry 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 masonry units once the mortar has begun to stiffen. This can interfere with the bond between the mortar and the masonry unit. If one or more masonry 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 masonry 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

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

Caution

Masonry 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 Masonry 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 Masonry cement concrete or Masonry cement gets into the eyes, rinse them thoroughly with water and seek medical attention. Inhalation of dry Masonry 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 masonry cements shall conform to the current Standard Specification for Masonry Cement, ASTM C91, 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.