



Private Residence, IN



flamingo® Colored Masonry Cement

Key features/benefits

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

Product description

flamingo® Colored Masonry Cement is a prepackaged material meeting or exceeding the requirements of ASTM C 91. Mortar joints comprise an average of 20% of a brick wall's total surface. The selection of colored mortar can dramatically enhance this surface. flamingo® colored cements are manufactured to the most exacting standards and are uniquely formulated to provide stability and colorfastness for generations. Our products are manufactured with the highest-quality iron oxide pigments, which provide consistent color quality throughout the life of the structure.

Types and uses

flamingo® Colored Masonry Cement is manufactured in two types: Type N and S. ASTM C 270 provides recommendations for mortar choices in a concise tabular format as shown below. According to this specification, Type N is recommended 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



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

heidelbergmaterials.us



Applications

flamingo® Colored Masonry Cement can be used for mortar in the construction of all types of masonry walls. The most common masonry units utilized are architectural concrete block, clay and concrete brick and natural and manufactured stone. flamingo® Colored Masonry Cement can also be used for stucco and parging applications.

Assure that the mixing equipment is clean and in good working order. Provide a one cubic foot box or other suitable container for volumetric measuring of aggregate. Aggregate shall conform to the requirements of ASTM C 144. Water shall be potable. flamingo® Colored Masonry Cement should be mixed with 2 ¼ to 3 cubic feet of sand according to Table 1 Proportion Specification of ASTM C 270. Start the mixer, place ¾ of the required amount of water, ½ the required amount of sand, and all the flamingo® Colored 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. Do not retemper colored mortar. 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.

Applicable standards

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

Delivery/storage

flamingo® Colored Masonry Cement Type N is packaged in 70 lbs. (32 kg) multi-walled bags, and Type S is packaged in 75 lbs. (34 kg) multi-walled bags. Packages should be kept free from moisture.

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 contact 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.