



flamingo-BRIXMENT®

Colored Masonry Cement

**Providers of Quality
Products and
Technical Support
for:**

Portland and Blended Cements,
Slag, and Fly Ash

BRIXMENT, Brick-Lok, and
VELVET Masonry Cements

Saylor's Portland and
Saylor's PLUS Cements

Flamingo-BRIXMENT Colored
Cements for Masonry

MANUFACTURER:

ESSROC Cement Corp.
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www.essroc.com
www.flamingo-BRIXMENT.com

PRODUCT DESCRIPTION:

Flamingo-BRIXMENT Colored Masonry Cement is a prepackaged masonry cement meeting or exceeding the requirements of ASTM C 91.

Essroc carefully selects and blends the raw materials and follows stringent quality control procedures in the manufacturing of flamingo-BRIXMENT Colored Masonry Cement.

This attention to details results in a superior performing masonry cement for use in mortar during construction and for long lasting, water-resistant walls.

BENEFITS:

- Superior Color Durability
- Excellent Workability
- Extended Board Life
- Consistent Color

APPLICATIONS:

Flamingo-BRIXMENT Colored 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 & natural and manufactured stone.



MATERIAL COMPOSITION:

Flamingo-BRIXMENT Colored Masonry Cement is a combination of Portland cement that meets ASTM C 150, finely ground limestone, proprietary admixtures, and pigments that meet or exceed ASTM C 979.

TYPES AND USES:

There are two formulations of flamingo-BRIXMENT to satisfy masonry construction needs:

- Type N: Normal strength
- Type S: Medium strength

The Type N mix should only be used for above-grade construction and is recommended for exterior brick veneers. Type S, a stronger mix, can be used above or below grade.

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PACKAGING:

Flamingo-BRIXMENT Type N is packaged in 70 lb.(32kg) multi-walled bags, Type S is packaged in 75 lb.(34kg) multi-walled bags and Type M is packaged in 80 lb.(36kg) multi-walled bags. Packages should be kept free from moisture.

AVAILABILITY:

Flamingo-BRIXMENT is distributed throughout Essroc's supply network. Contact your Essroc sales representative for availability in your immediate area.

Sample bags for preconstruction test panels can be obtained by contacting a local masonry supply dealer or your Essroc sales representative.

APPLICABLE ASTM SPECIFICATIONS:

- C 91 Masonry Cement
- C 270 Masonry Mortar
- C 144 Aggregates for Masonry Mortar
- C 979 Pigments for Concrete
- C 780 Preconstruction and Construction Evaluation for Masonry Mortar

MIXING:

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 C144. Water shall be potable.

Flamingo-BRIXMENT should be mixed with 2 ¼ to 3 cubic feet of sand according to Table 1 of ASTM C 270. If an independent laboratory completes ASTM C 780

preconstruction testing that demonstrates compliance to Table 2 of ASTM C 270, then up to 3 ½ parts of sand may be used per bag of flamingo-BRIXMENT.

Start the mixer, place ¾ of the required amount of water, ½ the required amount of sand and all the flamingo-BRIXMENT 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.

Water addition to colored mortar has an effect upon finished appearance, the practice of re-tempering is discouraged and should be avoided. Mortar should be used or discarded after 90 minutes.

WORKMANSHIP:

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 re-set them in fresh mortar.

TOOLING JOINTS:

Mortar joints shall be tooled when the surface is thumb-print hard. Improper or inconsistent timing

when tooling joints will lead to variation in the color of the mortar.

Proper tooling or striking increases the contact area between the masonry unit and the mortar and provides for a superior weather-resistant joint.

CLEANING:

Proper workmanship during construction will reduce the need for harsh cleaners. When cleaning is needed, use a proprietary cleaner. Follow the manufacturer's instructions for application, removal and disposal. Avoid harsh cleaners whenever possible.

INSTALLATION:

Maintain the same source of aggregate and water and use consistent mixing procedures throughout the entire project.

Follow ACI recommendations for hot and cold weather construction.

WARRANTY:

Essroc warrants that its products are free from manufacturing defects and conform to applicable ASTM specifications.

Essroc makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products. User assumes all risks and liability in connection with the suitability of the products for the intended use.

FOR MORE INFORMATION:

For more information on Essroc's products visit us online at www.essroc.com or call at (800)437-7762.



A world class local business