

GLASS BLOCK MORTAR 4C

**A HIGH-STRENGTH, POLYMER-MODIFIED, WATERPROOF MORTAR
DESIGNED FOR SETTING A VARIETY OF DECORATIVE GLASS BLOCK**

GLASS BLOCK MORTAR is a high-strength, polymer-modified, waterproof mortar designed for setting a variety of decorative glass block. After fully curing, Glass Block Mortar provides a flexible, mildew resistant, waterproof joint surface.

USES and ADVANTAGES

- High strength mortar used to set glass block.
- Polymer-modified.
- Easy to use...just add water.
- Easily spread.
- Uniform color, brilliant white.
- Water-tight joints.
- Mildew resistant.
- Interior or exterior use.

SURFACE PREPARATION

Remove all loose and deteriorating masonry, oil, grease, efflorescence or any other material which might prevent a proper bond. It is important to follow glass block manufacturer's instructions for proper application and substrate compatibility.

Always perform a spot test (of sufficient size) prior to application in order to ensure compatibility between Glass Block Mortar and the substrate as well as to confirm that the appearance and performance are acceptable.

MIXING

In a clean container or mixer, add a 50 pound bag of Glass Block Mortar to approximately three quarts of water and mix to a stiff, lump-free consistency. Since glass block have no absorption, add as little water as possible to obtain a consistency that is stiffer than an

ordinary mortar mix. Allow mixture to soak for 5-10 minutes, remix then use.

As with any Portland cement-based material, mixing liquid should be kept to a minimum to avoid decreasing strength and adhesive properties.

APPLICATION

Set glass block in a full bed of Glass Block Mortar as per the glass block manufacture's recommendations. Joints may be tooled after initial set. Glass blocks may then be washed using a sponge and clean water to remove any excess mortar and film.

COVERAGE

A 50 lb bag of Glass Block Mortar will lay approximately:

6"x6" glass block.....	36 pieces
8"x 8" glass block.....	32 pieces
12"x12" glass block.....	18 pieces

PRECAUTIONS

- Glass Block Mortar should not be used when the ambient and surface temperature are below 50 degrees F or are expected to fall below that within 24 hours of application.
- Do not use any anti-freeze or accelerator.
- Clean all mixing tools, containers and application tools immediately after use with water.

TECHNICAL DATA

Compressive Strength

3 day.....	3200 psi
7 days.....	4150 psi
28 days.....	4800 psi

WARNING!

Do not take internally. Contains Portland cement and Silica sand. May be irritating to the eyes and nose. Prolonged inhalation may cause lung injury. Avoid eye contact or prolonged contact with skin. Wash hands thoroughly with water after handling. In case of eye contact, flush with plenty of water for at least fifteen minutes. If irritation persists, consult a physician immediately. Dust masks, eye protection and gloves are recommended when using this product. Read Material Safety Data Sheet (MSDS) before using this product which may be obtained from your retailer or by calling 978-453-8881.

24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300

KEEP OUT OF THE REACH OF CHILDREN!

For technical assistance call
978-453-8881

www.umaco.com

LIMITED WARRANTY

The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.

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