

# GLASS BLOCK MORTAR

## **DESCRIPTION:**

SGM Glass Block Mortar is a special blend of Portland Cement, graded aggregates and proprietary chemicals formulated specifically for the installation of Glass Blocks; Computerized batching of raw materials insures a high quality mortar eliminating guesswork of jobsite mixes.

## **USES:**

Interior  
Exterior  
Residential  
Commercial

## **PREPARATION:**

Insure that all framing, pocket recesses or chases are in place, clean and ready to receive glass block. Clean all sides of glass block to permit a good mechanical bond. Consult glass block manufacture's literature for placement of anchors, reinforcing and expansion strips. All panels and sills painted with asphalt emulsion must be cured a minimum of 2 hours.

## **MIXING:**

Add sufficient cool, clean water (approximately 1-1/2 gallons) to dry mix to form a smooth paste like trowable mix, allow mix to slake for 5-10 minutes, then remix before use. Stir occasionally during use. Excessive water in mixing will dilute mix and effect the bond strength and reduce overall performance. For additional strength and water resistance, add SGM Acrylic Mortar Admix in lieu of water diluted 1:1 with cool clean water. Materials should remain workable for several hours. Once material has begun to set discard and prepare new mix. Do not add anything to factory mix of powder or liquid. Do not re-temper with additional water or latex after initial set.

## **APPLICATION:**

Apply a full bed of mortar to base or sill, maintain a joint width of 1/4" to 3/8", do not furrow mortar, set glass blocks and tap with rubber mallet to insure bond. Next, press reinforcing into place, cover upper half of mortar and trowel smooth. Reinforcing must overlap 6". Do not cover expansion joint strip with mortar or reinforcing materials.

Apply Glass Block Mortar one course at a time. Strike (rake) joints to obtain uniform look as work progresses, being careful not to let mortar harden

**NOTE:** Do not install glass block units when temperature is below 40 degrees F (4 degrees C). Protect from freezing for 72 hours.

## **CURING:**

Minimum cure is reached in 24 hours. Setting and drying time may vary according to atmospheric conditions. A 72 hours damp cure is recommended for installations without latex additives.

## **CLEAN UP:**

Remove excess mortar from face of glass block with damp sponge and polish with clean, dry cloth. Clean up hands and tools with warm soapy water before materials dry.

## **SHELF LIFE:**

Up to one year from date of mfg. in unopened container.

**COVERAGE:**

One 50 lb bag should cover approximately 30- 8"x8", 35- 6"x6", and 16- 12"x12" glass blocks.

**APPLICABLE STANDARDS:**

Conforms to requirements for Type M Mortar, meets ASTM C-270.

**CAUTION:**

EYE IRRITANT, CONTAINS PORTLAND CEMENT product is alkaline on contact with water. Use paddle for mixing to avoid splashing into eyes or contact with skin. During mixing or application, avoid contact with eyes. In case of such contact, flood eyes repeatedly with water and CALL PHYSICIAN. Wash thoroughly after handling and before smoking or eating. Do not take internally.

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