

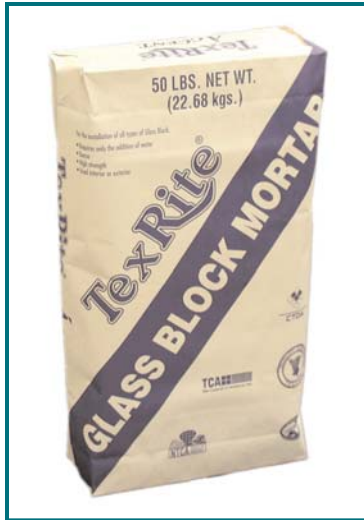


ACCENT® GLASS BLOCK MORTAR

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Product Information

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Accent Glass Block Mortar is a factory prepared blend of Portland cement, lime, graded silica aggregates, and chemical modifiers specially developed for the installation of all types of Glass Block.

BASIC USE

Accent Glass Block Mortar requires only the addition of water to produce a dense, water-resistant, high strength, aesthetically pleasing mortar joint for the installation of all types of

interior or exterior glass block panels.

In place of water, TexRite A-Crylic admixture may be used to improve the bond strength and provide higher density and resistance to thermal shock.

LIMITATIONS

Install mortar in temperature range of 40°F to 90°F. Do not allow mortar to freeze for the first 72 hours.

APPLICABLE STANDARDS

Meets ASTM C-270, Type S Mortar.

PACKAGING

- COLOR: White, special colors on request.
- TEXTURE: Powder, consisting of Portland cement, graded sand, organic and inorganic chemicals.
- PACKAGING: 50# Multi-wall bags.

INSTALLATION

Preparatory Work

Surfaces must be dry and free of all grease, oil, dirt, dust, curing compounds, sealers, coatings, efflorescence and any other foreign matter. Adjacent or abutted surfaces must be dry, structurally sound, and not subject to temperatures below 40°F or above 100°F. Proper anchoring, wire reinforcing, expansion strips, and waterproofing must be provided. Read Glass Block manufacturers specific installation instructions before proceeding. Refer to architect specifications, local building codes or acceptable trade practices for proper location of expansion joints, waterproofing sealants, reinforcing and expansion strip materials.

Expansion Joints

Shall be installed in accordance with local building codes. Remove all mortar and debris from joints before sealant is placed.

Mixing

Mix one 50-lb. bag of **Accent Glass Block Mortar** with 4 to 4 1/2 quarts of clean cool water. As an alternate, use **TexRite A-Crylic Admixture**. Always add the powder to the liquid and mix to a stiff non-slump consistency. Avoid using high speed drill mixing. Mechanical mixers should not exceed 150 rpm.

Let the mixed mortar set undisturbed for 5-10 minutes, then re-stir. Adjust the mix at this time only with additional water or powder to achieve the proper working characteristics. Pot life is approximately 2 hours, discard any mortar that cannot be re-stirred. Addition of water after the initial set will weaken the mortar.

Application

1. Apply a heavy coat of water-based asphalt emulsion to sill area to be covered by mortar.
2. Adhere expansion strips to jams and head using asphalt emulsion or waterproof adhesive.
3. When the asphalt emulsion of the sill is dry, apply the full mortar bed joint.
4. Set lower course of block. All mortar joints must be full and not furrowed. Tap blocks into place with a rubber mallet. Do not use metal tools.
5. Next, place mortar in the lower half of the bed joint and press, reinforcing into place. Then cover the upper half of the mortar bed and trowel smooth. Do not furrow joints. All reinforcing must run from end to end of panels and must lap 6" for sections of insufficient length. Never bridge an expansion joint strip with panel reinforcing or GlassBlock Mortar
6. Set the next course in the same fashion. Use spacers if necessary to assure even joint spacing. Rake or tool joints smooth while the mortar is still plastic before mortar hardens.

Reinforcing shall be placed on 24-in. centers for standard block and 16-in centers for thin block.

Note: Always follow block manufacturers specifications.

Coverage - per 50 lb.

- 18, 12" x 12" units
- 32, 8" x 8" units
- 36, 6" x 6" units

Cleaning

Remove surplus mortar as joints are tooled, before mortar has hardened. Use a damp sponge or trowel. After 15-20 minutes, polish any haze with soft dry cloth.

Curing

A minimum cure is obtained after 24 hours. For best results, a 72-hour damp cure is recommended. When using A-Crylic admixture, damp curing is not required. As with any Portland cement mortar, strength increases with age during the first 28 days

GLASS BLOCK MORTAR®



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SPECIFICATIONS

Technical Data: Glass Block Mortar

Test	Typical Values
*A. Bucket Life @ 70°F	5 hours
B. Compressive Strength (psi) ASTM C-109	> 1800 @ 28 days
C. SAFETY - CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for Silica dust. Contains Portland cement. If any cement or cement mixtures get into the eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed cement, mortar, concrete, or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water. KEEP OUT OF THE REACH OF CHILDREN.	
D. Storage Life - One year if kept dry in sealed bags.	

GLASSBLOCK MORTAR®

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