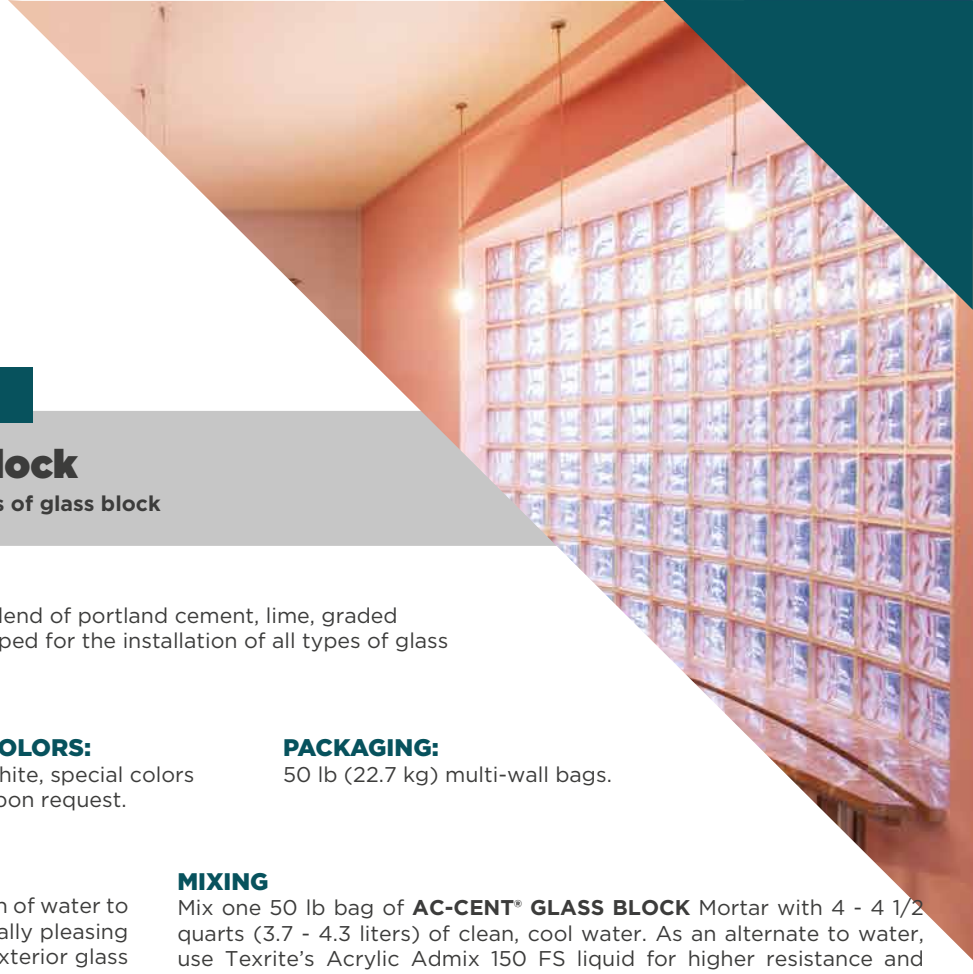
texrite™ by cemix



PRODUCT INFORMATION

ac-cent® glass block

For the installation of all types of glass block

AC-CENT® 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.

TEXTURE:
Powder, consistency of portland cement, sand, organic and inorganic chemicals.

COLORS:
white, special colors upon request.

PACKAGING:
50 lb (22.7 kg) multi-wall bags.

AREA OF USE

AC-CENT® 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's Acrylic Admix 150 FS liquid may be used to improve the bond strength and provide higher density and resistance to thermal shock.

LIMITATIONS

All surfaces are to be free of frost and in a temperature range of 40º - 90 ºF (4º - 32 ºC) during application and initial (72 hours) cure.

APPLICABLE STANDARDS

Meets ASTM C-270, type S mortar.

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 ºF - 100 ºF. Proper anchoring, wire reinforcing, expansion strips and waterproofing must be provided. Read **AC-CENT® GLASS BLOCK** Mortar manufacturer's 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.

WEATHER RESISTANT

EXTERIOR WALLS / FLOORS

MIXING

Mix one 50 lb bag of **AC-CENT® GLASS BLOCK** Mortar with 4 - 4 1/2 quarts (3.7 - 4.3 liters) of clean, cool water. As an alternate to water, use Texrite's Acrylic Admix 150 FS liquid for higher resistance and increased service duty performance. 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 300 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 mortar bed and trowel smooth. Do not furrow joints. All reinforcing must run from end to end of panels and must lap 6" (15 cm) for sections of insufficient length. Never bridge an expansion joint strip with panel reinforcing or **AC-CENT® GLASS BLOCK** 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 24" (0.6 m) centers for standard block and 16" centers for thin block. NOTE: Always follow block manufacturers specifications.

COVERAGE

50 lb (22.7 kg) bag - approximately:

# of glass block:	Size:
18	12" x 12" (30 mm x 30mm) unit.
32	8" x 8" (20 mm x 20 mm) unit.
36	6" x 6" (15 mm x 15 mm) unit.

Or approximately 1/2 ft^3 (0.014 m^3) of wet mortar,

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 Texrite's Acrylic Admix 150 FS liquid, damp curing is not required. As with any portland cement mortar, strength

increases with age during the first 28 days.

STORAGE LIFE
One year if kept dry in sealed bag.

TECHNICAL DATA: AC-CENT® GLASS BLOCK Mortar

TEST	TYPICAL VALUES
Bucket life @ 70 ºF (21 ºC)	5 HOURS
Compressive strength (psi) ASTM C-109	> 1800 @ 28 DAYS

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 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 shere possible and wash exposed skin areas promptly with water.

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: The recommendations, suggestions, statements and technical data in this bulletin are based on our best knowledge. They are given for informational purposes only and without any responsability for their use. The responsibility for the seller and manufacturer is only to replace that portion of the product of this manufacturer, which proves to be defective due to the quality of the ingredients or the manufacturing process itself. However, since handling and use is beyond our control, we do not guarantee the results to be obtained. Only written statements signed by an officer of the manufacturer are binding on the manufacturer or seller. Nothing in this bulletin should be interpreted as a recommendation for a use, which violates any patent rights.