



packaging

pro mix glass block mortar



1. Product Name

ASH GROVE PRO MIX® Glass Block Mortar

2. Manufacturer

ASH GROVE PACKAGING GROUP
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3. Product Description

ASH GROVE PRO MIX® Glass Block Mortar is a mixture of sand, white cement, lime, and additives specifically formulated to set glass block units.

BASIC USE:

For laying:

- Glass block
- Brick
- Concrete block
- Stone

COMPOSITION & MATERIALS:

ASH GROVE PRO MIX® Glass Block Mortar is a special mixture of white portland, lime, sand and water proofer formulated to lay glass block units higher while reducing normal sag.

4. Advantages/Benefits

ASH GROVE PRO MIX® Glass Block Mortar has several advantages including:

- Quality controlled
- Design strength 1800 psi (Type S)
- Specifically designed for glass block units
- Does not support mold growth
- Contains water repellent
- Decorative white color to compliment glass block
- Exceeds ASTM C 387 for Type S mortar
- Requires only the addition of water
- Reduced sag
- Use as a white mortar

5. Preparation

Follow good accepted masonry construction practices. Use clean water from the same source for the entire job. Erect sample panel using job materials and Joint type to more accurately evaluate mortar color and wall appearance.

When laying brick, block, or stone, thoroughly wet masonry units prior to use. For mortar repairs, chisel out mortar joint to ¾" depth and remove all loose mortar and sand. Dampen cleaned joint with water.

6. Mixing Instructions

For best results, use a clean mechanical batch mixer to ensure mix consistency and workability. ASH GROVE PRO MIX® Glass Block Mortar requires 3 ½ qts. of clean water per bag. Place water into mixing container and slowly add contents of bag while stirring. Mix to a smooth, lump free, plastic-like consistency. If the mortar is too stiff, add up to 1 pint of water in small amounts. Avoid a soupy mix. In cold weather, use warm water to accelerate the set.

7. Placement

Placement temperatures:	Minimum	Maximum
Substrate	40° F	90° F
Mix	60° F	80° F
Air	40° F	90° F

For mortar repairs, apply mortar with pointed trowel or jointing tool.

For laying glass block, concrete block, brick, or stone:

Lay units onto a ½" mortar bed after applying mortar to the head joint. Lay successive blocks, bricks, or stone after buttering ends with mortar. Tap into position, level each course while maintaining a 3/8" mortar joint.

Tuck Pointing:

When pointing up old masonry, remove loose mortar, clean and moisten joints. Apply ASH GROVE PRO MIX® Glass Block Mortar with point trowel.

8. Curing

Use a jointing tool to smooth and seal the mortar joints after the joints become thumbprint hard. Clean all excess mortar off brick or block face as soon as possible. Spray water onto joints in very hot and dry weather conditions. Apply sealer between glass blocks, headers, and jambs.

Protect exterior application from freezing temperatures or rain for 24 hours.

9. Technical Information:

ASTM C387 Standards and Specifications for Packaged, Dry, Combined Materials for Mortar and Concrete

ASTM C270 Standard Specification for Mortar for Unit Masonry

Compressive Strength ASTM C 109:

7 days 1820 psi

28 days 2310 psi

10. Limitations

- Do not add anything but water.
- Do not over water.
- Do not apply when air or substrate temperature is



pro mix glass block mortar (cont.)

below 50°F or above 90°F.

- Do use in spas or hot tubs.

11. Color

White

12. Coverage

55 lbs. (24.97 kg)

approximately 35 glass blocks or
45 bricks

13. Warning

ASH GROVE PRO MIX® Glass Block Mortar powder contains silicon dioxide, calcium hydroxide and portland cement. Normal safety wear such as protective clothing, boots, rubber gloves, dust masks, eye safety glasses should be worn while handling cement-based products. Material Safety Data Sheets are available upon request or at www.ashgrovepkg.com.

KEEP OUT OF REACH OF CHILDREN & PETS

14. Limited Warranty

Packager, having no control over the use of the material, does not guarantee finished work. Replacement of any defective product or refund of the purchase price of defective product shall be the buyer's sole remedy under this warranty.

THIS LIMITED WARRANTY EXCLUDES ANY LIABILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT OR SPECIAL DAMAGES.

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