



**packaging**

## white mortar

### 1. Product Name

ASH GROVE® White Mortar  
Product Number: 430

### 2. Manufacturer

ASH GROVE PACKAGING GROUP  
10816 Executive Center Drive, Ste. 100  
Little Rock, AR 72211  
Phone: (888) 289.1117  
Fax: (501) 224.3882  
[www.ashgrovepkg.com](http://www.ashgrovepkg.com)

### 3. Product Description

ASH GROVE® White Mortar provides a decorative white color masonry mortar for use in laying glass blocks, brick, and stone. Excellent for use in stucco and plaster applications. ASH GROVE® White Mortar may be used wherever white or colored mortar is desired.

#### BASIC USE:

Recommended for laying of:

- Brickwork
- Concrete Block
- Glass Block
- Stone

For repairing masonry walls of:

- Stucco
- Fireplaces
- Chimneys
- Block walls
- Tuck pointing

#### COMPOSITION & MATERIALS:

ASH GROVE® White Mortar is a uniformly blended, properly proportioned mixture of graded sand, white cement, lime and other approved ingredients specifically formulated for masonry applications. Just add water.

### 4. Advantages/Benefits

ASH GROVE® White Mortar has several advantages including:

- High durability and impact resistant
- Easy to finish and cure
- Decorative white color to complement glass block
- Contains water repellent
- Does not support mold growth
- Pre-blended mixture requires no dry mixing

### 5. Preparation

All surfaces that will be in contact with mortar should be entirely free from oil, grease, or any other foreign substances, which may interfere with the bond of the mortar to the masonry.



For mortar repairs, chisel out mortar joints to ¾" depth. Remove all loose mortar and sand and dampen the cleaned joint with water prior to application of masonry mortar mix.

Prior to laying brick, block or stone, dampen the exposed surfaces and clean thoroughly with water. Make sure that all supportive footings are substantial to hold the stress load.

### 6. Mixing Instructions

Pour the dry mortar mix into a wet mixing container. Add water slowly, mixing thoroughly until mortar reaches a 'plastic-like' consistency. Avoid a 'soupy' mix; too much water will weaken the mortar.

The mortar should be mixed for 3 to 5 minutes after all materials are in the mixer. Use of a machine mixer is recommended to ensure all ingredients are thoroughly combined.

### 7. Placement

#### For mortar repairs:

Use a tuck point trowel or jointing tool to apply mortar on the brick, block or stone and compact.

#### For laying brick, block or stone:

Starting in a corner, apply approximately ½" thick bed of white mortar to the base. Set corner brick, block or stone into the mortar bed and tap into place. Lay successive masonry units into position after first applying mortar to the head joint and tap into place, maintaining at least 3/8" thick mortar joint.

#### For laying glass block:

Lay a bed of white mortar onto the sill. Set and level the first course of glass blocks into the mortar bed. Then fill the joints maintaining at least 3/8" thick mortar joint. Set the second course of glass blocks and fill joints. Use reinforcing bars and wall anchors at 24" vertical intervals. Allow mortar to harden if blocks begin to squeeze mortar out of joints and then resume work. Plastic connectors and spacers can also be used when laying glass blocks.

### 8. Curing

Clean all excess mortar off the brick and block faces as soon as possible. Use a jointing tool to smooth and seal the mortar joints after the joint becomes thumbprint hard. Doing so will make the joint watertight and provide a neat appearance. In very hot and dry weather conditions, spray water onto joints to prevent premature drying of the mortar. When using mortar for glass blocks, apply sealer between blocks, headers and jambs.



## white mortar (cont.)

### 9. Technical Information

#### ASTM SPECIFICATIONS:

- Meets requirements of ASTM C-270 specifications when used as directed.

#### WATER ABSORPTION:

ASTM C-413

#### WATER RETENTION:

ASTM C-91 80%

#### COMPRESSIVE STRENGTH:

ASTM C-109

- 3 days 1,200 psi (6.89 Mpa)
- 7 days 1,820 psi (13.78 Mpa)
- 28 days 2,310 psi (15.16 Mpa)

### 10. Limitations

Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per bag will result in inferior physical properties.

Do not place when temperatures are below 50°F or above 90°F. In cold weather, use warm water and protect from freezing for 48 hours.

### 11. Coverage

One 50 lb. bag (22.68 kg) lays approximately 10 sq. ft. of 6" glass blocks.

### 12. Warning

ASH GROVE® White Mortar contains portland cement and sand. 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](http://www.ashgrovepkg.com).

### 13. Limited Warranty

This product meets or exceeds applicable ASTM C-270 standards in force at the time of packaging. 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.

EXCEPT FOR THE LIMITED WARRANTY MADE ABOVE, PACKAGER SPECIFICALLY DISCLAIMS AND EXCLUDES ANY OTHER EXPRESS WARRANTY, ANY IMPLIED WARRANTY OF MERCHANTABILITY OF GOODS AND ANY IMPLIED WARRANTY OF FITNESS OF GOODS FOR ANY PARTICULAR PURPOSE.