



## packaging mortar mix

### 1. Product Name

ASH GROVE® Mortar Mix  
Product Number: 350

### 2. Manufacturer

ASH GROVE PACKAGING GROUP  
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### 3. Product Description

ASH GROVE® Mortar Mix is ideal for laying brick, block and stone or repairing masonry walls. ASH GROVE® Mortar Mix is thoroughly pre-mixed to ensure maximum strength and workability.

#### BASIC USE:

Recommended for laying brick, block or stone and for repairing masonry walls of:

- Fireplaces
- Chimneys
- Stucco
- Tuck-pointing

#### COMPOSITION & MATERIALS:

ASH GROVE® Mortar Mix is a uniformly blended and ready to use mixture of cement, graded sand and other approved ingredients specifically formulated for masonry applications.

### 4. Advantages/Benefits

ASH GROVE® Mortar Mix has several advantages and features including:

- High durability and impact resistant
- Easy to finish and cure
- Strong, durable and long-lasting mortar bond
- Uniform aggregate sizes ensure easier mixing
- Thoroughly pre-blended mixture requires no dry mixing

### 5. Preparation

All surfaces that will be in contact with ASH GROVE® Mortar Mix must be entirely free from oil, grease, or any other foreign substances which may interfere with the bond and chemical actions of the material.

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.

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.

### 6. Mixing Instructions

Pour the dry contents into a wet mixing container such as a mortar box or wheelbarrow. Form a crater in middle of dry mix for adding water. Add water slowly, mixing thoroughly until mortar reaches a 'plastic-like' consistency. Avoid a 'soupy' mix; too much water will weaken the mortar.

For large projects a concrete mixer is recommended. If a mixer is used, mix dry contents thoroughly with water for 6 minutes to achieve 'plastic-like' consistency.

For colored mortar, ASH GROVE® Cement Color can be added and mixed thoroughly into the dry cement-based material prior to adding water to achieve decorative and creative colors. Available colors are red, black, buff and brown.

### 7. Placement

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

Starting in a corner, apply a ½" thick bed of ASH GROVE® Mortar Mix onto the footing. Set corner brick or block 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. Not recommended for walkways/paths.

#### For mortar repairs:

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

### 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.

### 9. Technical Information

#### ASTM SPECIFICATIONS:

- Meets requirements of ASTM C270 specifications for Type N mortar and ASTM C387 specifications when used as directed.

#### COMPRESSIVE STRENGTH:

- 28 days 750 psi (5.16 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.



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## mortar mix (cont.)

Mortar will not bond well to wood, asphalt, exposed walkways or any other foreign substances.

Do not place when temperatures are below 40° F. In cold weather, use warm water and protect from freezing for 48 hours.

### 11. Coverage

One 80 lb. bag (36.29 kg) lays approximately 40 standard bricks or 15 eight-inch blocks.

40 bricks or 15 - 8" blocks	80 lb. bag (36.29 kg)
30 bricks or 9 - 8" blocks	60 lb. bag (27.22 kg)
5 bricks or 2 - 8" blocks	10 lb. box (4.54 kg)

### 12. Warning

ASH GROVE® Mortar Mix contains 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 C270 and ASTM C387 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.

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