



High Strength Masonry Cement

1. Product Name

ASH GROVE® High Strength Masonry Cement

2. Manufacturer

ASH GROVE - SOUTH
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3. Product Description

ASH GROVE® High Strength Masonry Cement is formulated to provide a mortar with enhanced setting time, workability, water retention, durability, and bond. ASH GROVE® High Strength Masonry Cement achieves high strength and mechanical resistance. Ideal for use in load-bearing walls or wherever higher adhesion, greater compressive and flexural strengths are needed. ASH GROVE® High Strength Masonry Cement will provide higher mechanical resistance than Type N masonry cement.

BASIC USE:

Recommended for intermediate strength masonry uses such as:

- Laying block, brick, or stone
- Making stucco or plaster
- Making mortar repairs

COMPOSITION & MATERIALS:

ASH GROVE® High Strength Masonry Cement is a premium, high-quality masonry cement designed and manufactured for use in mortar for masonry construction. The cement is a mixture of portland cement, finely ground mineral materials, and special admixtures.

4. Preparation

All surfaces that will be in contact with masonry 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.

5. Mixing Instructions

Masonry cement is designed to be combined with sand and water to produce a masonry mortar mix. Add a minimum quantity of potable water and mix for a minimum of 5 minutes to achieve mortar consistency for proper placement. Approximately seven #2 shovels of damp, loose sand equal one cubic foot by volume.

| Type (Tipo) | Proportional Mixing Guidelines Per Bag (Pautas de mezcla proporcionales por bolsa) | | |
|-------------|--|--|----------------------------|
| | ASH GROVE® High Strength Masonry Cement 80 lb. Bag Parts (Partes) 1 Bag = 1 ft ³ | Sand (Arena) | |
| | | Parts (Partes) 1 Part = 1 ft ³ | Shovels/Part (Palas/Parte) |
| S | 1 Bag | 3 : 4 | 18-24 |
| M | 1 Bag | 2½ : 3 | 15-18 |

6. Placement

For laying brick, block or stone:

Starting in a corner, apply approximately ½" thick bed of 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 joints.

Retempering:

To minimize retempering, mortar should not be mixed more than 15 minutes before use. Retempering will not adversely affect mortar quality if only evaporated water is replaced. No mortars shall be used beyond 2½ hours after mixing.

For mortar repairs:

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

7. Joints

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 joints watertight and provide a neat appearance. In very hot and dry weather conditions, spray water onto joints to prevent premature drying of the mortar. Tooling of mortar joints increases the density, durability, and water tightness of the mortar surface. The moisture content of the mortar at the time of tooling will affect the color; the drier the mortar, the darker its final color. If stucco is to be applied to the face of the masonry after placement, the mortar joints should be struck flush.

8. Technical Information

TECHNICAL SERVICE:

ASH GROVE® personnel are available to provide technical assistance by contacting 352-559-9974.

High Strength Masonry Cement (cont.)

9. Limitations

Adhering to the specified amounts of water additions and properly graded sand meeting ASTM C-144 specifications is very important. Exceeding maximum recommended amounts per bag or using incorrect types of sand will result in inferior physical properties.

Mortar mixes are not designed to bond to wood, asphalt, or any other foreign substances.

Sand sources and proportions should remain the same throughout the entire project.

Do not place when temperatures are below 40° F or if the temperature is expected to fall below freezing within 48 hours.

In the event of a discrepancy, governing ASTM standards and building codes shall prevail.

10. Packaging

80 lb. bag (36.28 kg)

11. Warning

ASH GROVE® High Strength Masonry Cement contains cement. Normal safety wear such as protective clothing, boots, rubber gloves, dust masks, eye safety glasses should be worn while handling cement-based products. Safety Data Sheets are available upon request or at www.ashgrovesouth.com.

12. Limited Warranty

This product meets or exceeds applicable ASTM C-91 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. Packaged Cement should be stored appropriately in a dry location above the ground. Contact with humidity and carbon dioxide in the air will cause deterioration in cement performance.

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.

Ash Grove reserves the right to change specifications without notice.