



# Stucco Cement

## 1. Product Name

ASH GROVE® Stucco Cement

## 2. Manufacturer

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## 3. Product Description

ASH GROVE® Stucco Cement is formulated to provide a stucco with enhanced setting time, workability, water retention, durability, and bond. As a building material stucco is a durable, attractive, and weather-resistant wall covering. Compared to Portland/Lime Stucco, ASH GROVE® Stucco Cement offers enhanced set time, workability, plastic window, sulfate resistance, less shrinkage (lower/water-cement ratio), and delivers high quality/ consistent results.

### COMPOSITION & MATERIALS:

ASH GROVE® Stucco Cement is a premium, high-quality stucco cement designed and manufactured for use in both commercial and residential 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 stucco mix should be entirely free from oil, grease, or any other foreign substances which may interfere with the bond of the stucco to the solid base or lath. Porous surfaces should be pre-moistened with potable water prior to application.

## 5. Mixing Instructions

Stucco cement is designed to be combined with sand and water to produce a stucco mix. Add 2/3 of the required quantity of potable water, 1/2 of the required sand, ASH GROVE® Stucco Cement, then add the remaining sand & water and mix for a minimum of 5 minutes to achieve consistency for proper placement. Approximately seven #2 shovels of damp, loose sand equal one cubic foot by volume.

Sand should meet ASTM C-897 specifications. Avoid a 'soupy' mix; too much water will weaken the stucco mix. The use of a machine mixer is recommended to ensure all ingredients are thoroughly combined.

ASH GROVE® Stucco Cement when mixed with masonry sand (ASTM C-144) and tested according to ASTM C-270 will produce a mortar that complies with those requirements.

**For Stucco (ASTM C-926):**

Plaster Coats (Revoque)	Proportional Mixing Guidelines Per Bag (Pautas de mezcla proporcionales por bolsa)		
	ASH GROVE® Stucco Cement 80 lbs. Parts (Partes) 1 Bag = 1 ft <sup>3</sup>	Sand (Arena)	
		Parts (Partes) 1 Part = 1 ft <sup>3</sup>	Shovels/Part (Palas/Parte)
Scratch (Capa Inicial)	1 Bag	2½ : 4	18-28
Brown (Segunda Capa)	1 Bag	3 : 5	21-35
Finish (Capa Final)	1 Bag	1½ : 3	11-21

## 6. Placement

### Three Coat Process:

Traditional application of stucco occurs in three coats: Scratch Coat, Brown Coat, and Finish Coat. The first two coats are either hand-applied or machine sprayed. The final coat can be troweled, hand-textured floated, or machine sprayed.

### Two Coat Process:

Over solid bases, the Scratch and Brown Coat may be combined to form the base coat. The base coat is either hand-applied or machine sprayed. The final coat can be troweled, hand-textured floated, or machine sprayed.

### Retempering:

Retempering of stucco can only be done once by adding water and mixing. Make only enough stucco at one time as can be applied in an hour. Stucco not used within 1 ½ hours from the start of initial mixing shall be discarded.

## 7. Curing

For proper curing, allow a minimum of 72 hours of moist curing, moistening at least twice per day. Curing will allow proper cement hydration, strength development, and adequate bond to minimize shrinkage, cracking, and associated de-bonding & delamination. Environmental conditions such as heat, wind, and low humidity will require additional curing.

## Stucco Cement (cont.)

### 8. Technical Information

#### ASTM SPECIFICATIONS:

- Meets requirements of ASTM C-926, Standard Specification for Application of Portland Cement-Based Plaster, when used as directed.
- Meets requirements of ASTM C 1328, Standard Specifications for Plastic (Stucco) Cement, when used as directed.
- Meets requirements of ASTM C-91, Standard Specification for Masonry Cement, for Type S/M Cement when used as directed.
- Meet requirements of ASTM C-270, Standard Specification for Mortar for Unit Masonry, for Type S/M Cement when used as directed.

#### TECHNICAL SERVICE:

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

### 9. Limitations

Adhering to the specified amounts of water additions and properly graded sand meeting ASTM C-897 specifications is very important. Exceeding maximum recommended amounts per bag or using incorrect types of sand will result in inferior physical properties.

ASH GROVE® Stucco Cement contains a water-repellent agent which is interground with the cement during finish grinding. No other additives are necessary.

When stucco is to be applied to smooth, non-porous solid substrates, a quality bonding agent (or other approved method outlined in ASTM C926) is recommended to be used to ensure adequate adhesion.

Stucco 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 24 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® Stucco Cement contains 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. Safety Data Sheets are available upon request or at [www.ashgrovesouth.com](http://www.ashgrovesouth.com)

### 12. Warranty

This product meets or exceeds applicable ASTM C-926, C-91, C-1328, and 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. 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.**