



**packaging**

pro gunitite



### 1. Product Name

ASH GROVE PRO® Gunitite  
Product Number: 450

### 2. Manufacturer

ASH GROVE PACKAGING GROUP  
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### 3. Product Description

ASH GROVE PRO® Gunitite is a pumpable, cement-based mix that provides high bond strength in retaining wall, repair and rehabilitation, foundations, concrete pipe lining, mining, rockscaping and other gunitite applications. Non-sag and non-slump, with minimum bounce during application, provides excellent weather resistance.

#### BASIC USE:

Repair of:

- Water and waste water treatment plants
- Bridges
- Tunnels
- Canals
- Ponds
- Locks and dams

#### COMPOSITION & MATERIALS:

ASH GROVE PRO® Gunitite is specially formulated with portland and graded sands designed to be used as a structural wet or dry process shotcrete.

### 4. Advantages/Benefits

ASH GROVE PRO® Gunitite has several advantages including:

- Prepackaged
- Low permeability
- Versatile
- Easy to apply
- Workable (easy to finish)

### 5. Preparation

Prepare substrate per local specification or ACI or ICRI specification. Remove all unsound and delaminated concrete providing a minimum 1/4 inch profile with 1/4 inch around and behind corroded reinforcing steel. Remove all bond inhibiting materials by mechanical methods. Avoid methods or preparation which will result in micro cracking of surface. Presoak surface with clean potable water.

### 6. Mixing Instructions

Measure out approximately 1 to 1-1/3 gallons of

potable water per 80# bag. Mechanically mix using a mortar mixer. Pour 80% to 90% of the water into the mixing container and then charge the mixer with the bagged material. Add the remaining water to the mix until the desired consistency is reached in relation to the specific onsite conditions and placing equipment requirements. Mix for 3-6 minutes so that all the material is uniform in consistency.

### 7. Placement

Apply the Gunitite or Gunitite-F in accordance with ACVI 506R "Guide to Shotcrete." Successful application is dependent on the level of skill and experience of the applicator. Test patches and mock-up panels are strongly recommended. When applying additional lifts, scratch or roughen the previous lift before the first lift has set. This method will improve bond between lifts. If the second lift will not be placed immediately, attempt to keep the first lift damp.

### 8. Curing

Proper curing is very important to the final physical performance of Gunitite and Gunitite-F. Apply Ash Grove Pro® Cure-n-Seal or other means in accordance with ACI 308, Contact Ash Grove Pro Technical Assistance for additional information.

### 9. Technical Information: Upon Request

### 10. Limitations

- Do not over mix or over water
- Do not use when air surface temperature is below 40°F or above 90°

### 11. Coverage

80 lbs. of ASH GROVE PRO® GUNITITE will cover approximately 14 – 17 sq. ft. @ 1/2" thick

### 12. Warning

ASH GROVE PRO® GUNITITE powder contains portland 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

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.



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