



packaging

pro wall-tite unsanded



1. Product Name

ASH GROVE PRO® Wall-Tite Unsanded
Product Number: 408

2. Manufacturer

ASH GROVE PACKAGING GROUP
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3. Product Description

ASH GROVE PRO® Wall-Tite Unsanded is a polymer modified, waterproof cement coating for above and below ground concrete and masonry surfaces.

BASIC USE:

Recommended for waterproofing:

- Basements
- Cisterns
- Grain elevators
- Foundations
- Parapets
- Reservoirs
- Silos

Recommended for decorating:

- Stone
- Concrete block
- Planters
- Poured concrete
- Brick
- Pre-cast concrete
- Fountains

COMPOSITION & MATERIALS:

ASH GROVE PRO® Wall-Tite Unsanded is a uniformly blended mixture of portland cement, waterproofing additives and redispersible polymers formulated for use below and above grade, interior or exterior.

4. Advantages/Benefits

ASH GROVE PRO® Wall-Tite Unsanded has several advantages including:

- Superior waterproofing
- Block filler
- Non-toxic
- Complies with federal specification A-A-1555
- Reduces radon gas penetration by 99+%
- Attractive durable coating
- Above and below grade

- Interior or exterior
- Superior bond
- Abrasion resistant
- Brush, spray or roller applied

5. Preparation

Evaluation of the substrate by a qualified engineer, architect or contractor using means that determine the cause of deterioration is strongly recommended. Particular attention is to be given but not limited to chloride penetration, corrosion of steel galvanic activity, materials selection and compatibility, waterproofing, constructability, quality assurance and methods of application and maintenance by the owner. Clean area and remove all unsound concrete, grease, oil, paint, efflorescence and any other foreign materials that will inhibit performance. Slick or sealed surfaces must be thoroughly roughened.

Refer to:

ASTM D 4258 *Surface Cleaning for Concrete Coating*

ASTM D 4259 *Abrading Concrete*

ASTM D 4261 *Surface Cleaning Concrete Unit Masonry for Coating*

ASTM D 4580 *Measuring Delamination in Concrete Bridge Decks by Sounding*

ACI 201.1R *Guide for Making a Condition Survey of Concrete in Service*

Relieve hydrostatic active water pressure by drilling temporary drainage holes at the bottom of the wall. If cracks exist, chip out and enlarge to approximately 1/2" deep and repair. Apply Wall-Tite only after repairs are made and substrate is restored to a sound condition.

6. Mixing Instructions

Recommended water proportions are approximate:

- 2-1/2 gallons of clean water per 40 lb. pail.

Mix the material in a clean drum or pail. Place the dry powder in the container. Gradually add 1/2 to 2/3 of recommended water and mix to a thick mortar or paste consistency. Gradually add balance of mixing water and bring to a smooth creamy or pancake batter consistency. Let the material sit (slake) for 10 minutes, remix and use.

Under hot, dry, windy conditions, replacing part of the mix water with up to 1/2 gallon of Ash Grove Pro® Acrylic Admix or Ash Grove Pro® Primer / Admix will promote curing and improve bond.

7. Placement Spray Equipment



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The following information is offered as a guide only. Specific product, equipment, application conditions and user experience will influence proper equipment selection. Consult with the equipment manufacturer for equipment handling techniques. Field Test material with equipment prior to starting project.

Pump Hopper Gun
Orifice 3/16" opening
Pressure at Gun 25 psi

Placement temperature

| | Minimum | Maximum |
|-----------|---------|---------|
| Substrate | 50°F | 90°F |
| Mix | 50°F | 90°F |
| Air | 50°F | 90°F |

Hand Tools: *Brush or Roller Application*

Use a coarse fiber brush or medium nap roller. Two coats are recommended for the best waterproofing performance. Dampen the surface prior to the application. If the wall becomes dry and the Wall-Tite starts to pull during the application, re-wet the wall. Allow 12 hours before applying the second coat. For a damp or decorative effect, one brush coat is usually sufficient. Fill drainage holes after Wall-Tite has cured 3-4 days.

8. Curing

Protect the fresh coating from rain and condensation for 24 hours.

Materials modified with Ash Grove Pro® Acrylic Admix or Ash Grove Pro® Primer/Admix should be air cured unless hot and/or drying winds or low humidity are present. Under such conditions, cure per Portland Cement Association – Design and Control of Concrete Mixes and/or American Concrete Institute 308 – Standard Practice for Curing Concrete.

As with all cement coatings, surface cracking may occur due to curing conditions, over watering, or other conditions beyond the control of Ash Grove Packaging.

9. Limitations

- Do not apply on previously painted surfaces without checking compatibility
- Do not apply when hydrostatic pressure resistance is required
- Do not use over substrates that are frozen or contain frost
- Do not use over substrates with curing compounds, efflorescence, or form release oil
- Do not mix more than can be applied within 2 hours
- Do not apply thicker than 1/16" in one application
- Do not apply over substrates containing pyrite (iron sulfate)
- Do not use as a horizontal wear surface

10. Coverage

Coverage may vary depending on the porosity and texture of the substrate

Per 40 lb. pail 240-320 sq. ft.

Damp Proofing – 1 Coat

First Coat – Per 40 lb. pail 160 – 200 sq. ft.
Second Coat – Per 40 lb.pail 240 – 320 sq. ft.

Water Proofing – 2 Coats

Total Minimum Thickness for proper water proofing is 1/16"

11. Warning

ASH GROVE PRO® Wall-Tite Unsanded contains portland cement. Normal safety wear such as protective clothing, boots, rubber gloves, dust masks and eye safety glasses should be worn while handling cement-based products. Material Safety Data Sheets are available upon request or at www.ashgrovepkg.com.

12. 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.

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 Packaging reserves the right to change specifications without notice.