



**packaging**

## pro premium acrylic finish elastomeric non-textured

### 1. Product Name

ASH GROVE PRO® Premium Acrylic Finish Elastomeric Non-Textured (PAFE Non-Textured)

### 2. Manufacturer

ASH GROVE PACKAGING GROUP  
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### 3. Product Description

ASH GROVE PRO® PAFE Non-textured is a premixed, acrylic elastomeric polymer coating.

Recommended to use as a coating over:

- Concrete – poured in place, precast, tilt-up and prestressed
- Cementitious backer board with brown coat
- Scratch and brown coat
- Block
- Exterior stucco
- Brick
- As a final coat over one coat stucco

### COMPOSITION & MATERIALS:

ASH GROVE PRO® PAFE Non-textured is a blend of elastomeric emulsions blended with additives to produce a coating that retains its elasticity after curing.

### 4. Advantages/Benefits

ASH GROVE PRO® PAFE Non-textured has several advantages including:

- Meets performance requirements for Federal Specification TT-C555b
- Flexible elastomeric
- Mildew resistant
- Crack resistant
- Permits vapor transmission
- Wide variety of colors
- Internally plasticized
- Alkali resistant
- Water resistant
- Primer for PAFE Textured
- Excellent color retention
- Interior or exterior
- Brush, roll or spray apply
- Ready to use
- Recoatable
- Alkali resistant

### 5. Preparation

Clean area and remove all unsound concrete, grease, oil, paint and any other foreign materials that will inhibit performance. Remove excess surface water and puddles prior to application.

Refer to:

- ASTM D4258 Surface Cleaning Concrete for Coating
- ASTM D4259 Abrading Concrete
- ASTM D4260 Acid Etching Concrete
- ASTM D4261 Surface Cleaning Concrete Unit Masonry for Coating
- ACI 201.1R Guide for Making a Condition Survey of Concrete in Service

Repair dynamic cracks such as control and expansion joints with backing material and sealant. Highly alkaline substrates, above pH 12, can have a detrimental affect on some custom colors. One of the following measures is suggested.

- Apply 2 coats of ASH GROVE PRO® Masonry Sealer to the Portland cement-lime substrate prior to application of the finish coat.
- Allow the portland cement-lime substrate to cure a minimum of 28 days.

Stucco Materials –

Only apply on properly prepared substrates containing less than pH 12 and 40% moisture. Fill cracks wider than 1/16" with ASH GROVE PRO® Elastomeric Sealant. Uniformly dampen substrate in hot, dry weather.

Concrete Masonry or Brick –

Repair deteriorated mortar joints in block or brick before applying ASH GROVE PRO® PAFE Non-textured. A scratch and brown coat is recommended to provide a uniform base for coating. Refer to ASTM C926 Standard Specification for Application of Portland Cement Based Plaster.

Interior Drywall Board –

Prepare drywall surfaces according to standard industry practice and applicable sections of ASTM C840 Standard Specification for Application and Finishing of Gypsum. Tape and mud joints and nail heads. Coat joint compound with an oil based primer before coating with ASH GROVE PRO® PAFE Non-textured.

Metal Surfaces –

Must be free of corrosion or oxidation an primed with rust inhibiting primer before coating.

### 6. Mixing Instructions



# pro premium acrylic finish elastomeric non-textured (cont.)

It is important to thoroughly mix each container. Use a high torque drill 450 R.P.M maximum and paddle type mixer blade. When multiple batches are to be used, boxing of the ASH GROVE PRO® PAFE Non-textured is recommended.

## 7. Placement

Spray Equipment –  
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.....2 gal. minute 3000 psi  
Hose diameter & max. length.....3/8" x 150'  
Gun.....Airless  
Tip......036"  
Pressure at pump......2600 psi  
Pressure at gun......2100 psi

ASH GROVE PRO® PAFE Non-textured has the consistency of a thick paint. Actual finish will be that of the substrate.

Placement temperature:

	Minimum	Maximum
Substrate	40°F	90°F
Mix	40°F	90°F
Air	40°F	90°F
Humidity	---	80%

Hand tools –  
Use a synthetic 3/4" nap roller or brush

Note: Always work in shade during hot weather. Stop only at natural breaks in the walls or at corners. Subsequent coats may be applied after the first coat is dry to the touch, usually within 2 – 4 hours.

## 8. Curing

ASH GROVE PRO® PAFE Non-textured dries and cures through the evaporation of water and coalescing to form a film. Drying will be dramatically extended in cool damp weather and special precautions are necessary to protect the fresh coating from rain and condensation for 24 hours. Supplemental indirect heat will be necessary at or below 40°F to ensure proper curing.

Depending on temperature, humidity and wind conditions, ASH GROVE PRO® PAFE Non-textured dries within 2 - 4 hours.

## 9. Technical Information

Complies with Federal Specification TT-C-555b

Passes Federal Specification 6271 for Mildew Resistance

Ash Grove Pro® Premium Acrylic Finish Elastomeric Non-Textured

Passes 3000 hours for accelerated weathering for ASTM G 33

Greater than 500 liters for abrasion resistance according to ASTM D 968

Greater than 300 hours for salt spray resistance according to ASTM B 117

Passed 18 cycles for freeze-thaw resistance according to ICBO

Passed 24 hours for wind driven rain resistance according to TT-C-555b

## 10. Limitations

- **Do Not** allow to freeze.
- **Do Not** apply over substrates that are frozen or contain frost.
- **Do Not** use on horizontal substrates, roofs, swimming pools, or where standing water is likely to occur.
- **Do Not** use below grade.
- **Do Not** apply when air or substrate temperature is below 40°F or above 90°F.
- **Do Not** apply when humidity is below 10% or above 80%.
- **Do Not** add or mix any materials with the coating unless approved by Ash Grove Packaging.
- **Do Not** entrap air while mixing.
- **Do Not** apply when substrate pH is above 12.
- **Do Not** apply over substrates containing pyrite (iron sulfite).
- **Do Not** use over epoxy, urethane or high gloss surfaces.
- **Do Not** apply if rain is forecast within 24 hours.
- **Do Not** reuse empty container. Recycle or dispose of properly.
- **Do Not** use as a coating for wood unless a primer is applied first.

## COLORS –

ASH GROVE PRO® PAFE Non-textured is available in tint bases and PAF standard colors. It can be tinted using conventional universal tinting colorants. Maximum allowable quantity of pigment per 55 lb. pail is 16 ounces. As with all coatings, minor color variations may occasionally occur. Contact Ash Grove Packaging for custom colors.

ASH GROVE PRO® PAFE Non-textured standard colors are manufactured with lime proof pigments that are fade and alkali resistant. Custom colors may require the use of a primer if they are applied over concrete, concrete masonry, mortar or stucco.

## 11. Coverage



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Coverage may vary considerably depending on the conditions (rough or smooth) of the substrate, finishing technique used and the final thickness of the coating.

	16 wet mils	18 wet mils	20 wet mils
Per pail	470 sq. ft.	415 sq. ft.	375 sq. ft.
Per gallon	100 sq. ft.	88 sq. ft.	80 sq. ft.

Recommended minimum thickness is 16 mils.

As an EIFS Primer –

	8 wet mils
Per pail	960 sq. ft.
Per gallon	200 sq. ft.

### 12. Warning

ASH GROVE PRO® (PAFE) Non-Textured contains acrylic emulsion, glycol and preservatives. Irritant. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water. For eyes, flush thoroughly with clean water for at least 15 minutes and get prompt medical attention. Empty container may be hazardous to children. 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.

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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