



packaging

pro bond primer admix



1. Product Name

ASH GROVE PRO BOND® Primer Admix
Product Number: 480

2. Manufacturer

ASH GROVE PACKAGING GROUP
10809 Executive Center Drive, Ste. 321
Little Rock, AR 72211
Phone: (888) 289.1117
Fax: (501) 224.3882
www.ashgrovepkg.com

3. Product Description

ASH GROVE PRO BOND® Primer Admix is a liquid copolymer used as a primer and/or admixture for cement based products.

BASIC USE:

As a primer for Ash Grove Pro:

- Fast Patch
- Vinyl Patch
- Foam-Gard
- Self-Leveling Underlayment
- Self-Leveling Wear Topping
- Surface Bonding Cement
- Finish Stucco
- Wall-Tite
- Skim Patch

As an admixture with Ash Grove Pro:

- Fast Patch
- Vinyl Patch
- Foam-Gard
- Surface Bonding Cement
- Finish Stucco
- Wall-Tite
- Skim Patch

For use over:

- Concrete
- Mosaic Tile
- Quarry Tile
- Brick
- Block
- Clay Products
- Surface Bonding Cement
- Stone
- Concrete Masonry
- Scratch & Brown Coat
- Stucco
- Finish Coat Stucco

ASH GROVE PRO BOND® Primer Admix can be used full strength when applied as a primer or can be diluted depending on the condition of the masonry substrate. Dilution rates vary according to product being modified. Consult the product information sheet for rates for particular products.

COMPOSITION & MATERIALS:

ASH GROVE PRO BOND® Primer Admix is a concentrated ethylene/vinyl acetate copolymer.

4. Advantages/Benefits

ASH GROVE PRO BOND® Primer Admix has several advantages and features including:

- Can be used as a primer and/or admixture
- Increases bond strength
- Bonds new concrete to old concrete
- Horizontal, vertical, and overhead applications
- Interior or exterior
- Above and below grade
- Improves flexibility as an admixture
- V.O.C. compliant
- Improves hydration and curing
- Concentrated to allow greater dilution
- Reimulsifiable

5. Preparation

Gently agitate the container before using. Slowly stir the primer and water together when diluting the material for various dilution rates for various products and applications.

6. Mixing Instructions

Thoroughly stir ASH GROVE PRO BOND® Primer Admix before use.

As a primer:

Undiluted ASH GROVE PRO BOND® Primer Admix must be used to meet ASTM C 1059 Type I - Type II and ASTM C 932 performance requirements. ASH GROVE PRO BOND® Primer Admix diluted 1:1 with water may be used on sound substrates.

As an admixture:

ASH GROVE PRO BOND® Primer Admix may be diluted as follows.

Minimum Acrylic Admixture to Water Dilution:

- Stucco.....1:3
- Concrete Repair Materials.....1:3
- Plaster.....1:3
- Scratch and Brown Coats.....1:3
- Masonry Paints.....1:3
- Mortar Mixes.....1:2



pro bond acrylic admixture (cont.)

- Sand Mixes.....1:2
- Concrete Mixes.....1:1
- Slurry Coats.....1:1

More concentrated dilutions may be required. A test area is recommended.

7. Placement

Placement temperatures:	Minimum	Maximum
Substrate	45°F	90°F
Mix	45°F	90°F
Air	45°F	90°F

Remove standing water and apply with brush, roller, or broom leaving a thin uniform coating 4-6 wet mils thick depending on texture of substrate.

Protect from moisture until cement based coating has been applied.

Note: A thin, uniform application will perform better than a thick film which forms a soft, rubbery surface resulting in cracking of the new material.

8. Curing

Allow to dry 1-3 hours to a clear film before application of the new material. High humidity, cool temperature and non-absorptive substrates may extend time necessary to dry to a clear film. The primer application must not be allowed to dry longer than 24 hours. Longer drying times will reduce the bond strength.

Reapply ASH GROVE PRO BOND® Primer Admix if permitted to dry beyond 24 hours or subjected to moisture prior to applying cementitious product. Protect from water, rain, condensation and freezing until new material has been applied. If the primer dries in less than an hour, the concrete is likely very porous and a second coat of primer is required.

9. Technical Information

ASTM SPECIFICATIONS:

Shear Bond ASTM C 1059 over Cured Concrete
 Type I Bond Strength 490 psi (3.4 MPa)
 Type II Bond Strength 1360 psi (9.4 MPa)

Tensile Strength ASTM C 932
 7 day air 245 psi (1.7 MPa)
 7 day wet 193 psi (1.3 MPa)

10. Limitations

- Do not apply when air or substrate temperature is below 45°F or above 90°F.
- Do not allow to accumulate in puddles.
- Do not use more water than is recommended or bond will be reduced.
- Do not use high speed mixing equipment.
- Do not expose to high winds or low humidity.
- Do not rewet or allow to freeze prior to application of the new material.

- Do not apply over substrates with curing compounds, efflorescence or form release oil.
- Do not apply over substrates that are frozen or contain frost.
- Do not store below 40°F or above 90°F.
- Do not allow to freeze.
- Do not reuse empty container. Recycle or dispose of properly.

11. Coverage

Depends upon porosity and texture of the substrate.

As a primer	4 wet mils	6 wet mils
Undiluted (1 gal.)	400 sq. ft.	250 sq. ft.
Diluted 1:1 (2 gal.)	800 sq. ft.	500 sq. ft.

12. Warning

ASH GROVE PRO BOND® Primer Admix contains a blend of ethylene and vinyl acetate copolymers. May be harmful if swallowed. Avoid contact with eyes. 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.

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.

Ash Grove Packaging reserves the right to change specifications without notice.