

ASH GROVE KOLORSTONE TWIN-PAK MIXING KIT

MSDS Sheets

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packaging kolorstone classic



ASH GROVE KOLORSTONE® Classic
Product Number: 454

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 KOLORSTONE® Classic is specifically designed to create architectural cement finishes on a variety of surfaces including sidewalks, patios, steps, etc. Kolorstone Classic is used with Kolorstone Kolor Flex.

BASIC USE:

Recommended for construction or repair of:

- Resurfacing sidewalks, driveways, patios, steps
- Decorating swimming pools & decks
- Designing entry areas
- Creating signs, logos, etc.
- Landscape design

COMPOSITION & MATERIALS:

ASH GROVE KOLORSTONE® Classic is a uniformly blended mixture of portland cement, graded silica sands and proprietary ingredients.

4. Advantages/Benefits

ASH GROVE KOLORSTONE® Classic has several advantages including:

- Polymer modified
- Tenacious bond
- Extremely tough
- Freeze/thaw resistant
- Interior or exterior application
- Cost effective

5. Preparation

Clean area and remove all unsound concrete, grease, oil, paint and any other foreign materials that will inhibit performance. Slick or sealed surfaces might have to be roughened.

Refer to:

- ASTM D 4258 Surface Cleaning Concrete for Coating
- ASTM D 4259 Abrading Concrete
- ASTM D 4260 Acid Etching Concrete
- ASTM D 4261 Surface Cleaning Concrete Unit Masonry for Coating
- ASTM D 4280 Measuring Delaminations in Concrete Bridge Decks by Sounding

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

- ACI 201.3R Guide for Making a Condition Survey of Concrete in Service

If slick area cannot be roughened or to ensure an improved bond, apply a coat of Kolorstone Primer (See product literature).

If possible, make a test area and examine after several days. For hot concrete, dampen the area and remove excess water before application.

6. Mixing Instructions

Use clean tools, clean buckets, and clean mixing equipment. A Kolorstone Kit consists of a 40 lb. bag of Kolorstone Classic (powder) and a gallon of Kolorstone Kolorflex. Pour the admixture into a clean pail and slowly add the powder until a good uniform mix is achieved. (If you intend to color the powder, mix the color into the mixture thoroughly.) Allow the mixture to slake (stand) for three to four minutes and remix. This "resting" time allows the chemicals and pigments to reach their full potential. Keep the mixing of materials consistent to achieve consistent results.

7. Placement

Normal placement is done with the use of a hopper gun and/or trowel. Placement depends greatly on the creative ability of the applicator. Patterns of various types are often used to create a brick-look, stone-look, etc. The final appearance of the project will therefore vary greatly from job to job. Two coats of Kolor-Classic Sealer should be applied after the coating has had a chance to cure for at least 2 to 4 hours. Allow at least 2 to 4 hours between coats.

8. Curing

Curing is not needed under normal weather conditions. If temperatures or winds are high, placing kraft paper over the coating will aid in curing. Normally the coating dries very quickly so curing is not necessary. **DO NOT** damp cure or mist the coating as it will wash out the color.

9. Limitations

- Do not add water to the mixture
- Do not apply to concrete less than 7 days old; 28 day-old concrete is ideal
- Do not apply when air or substrate temperatures are below 50°F or above 90°F



kolorstone classic (cont.)

- Do not allow admixture to freeze
- Do not allow rain or heavy dew on coating before it is sealed
- Do not apply on any substrate other than concrete except for interior vertical surfaces
- Do not apply to drywall until after drywall is sealed
- Do not reuse container; dispose of properly

10. Coverage

One 40 lb. bag (18.16 kg) yields approximately 2/3 cu. ft. Approximately 100 sq. ft. when used as a base coat. Approximately 60 to 80 sq. ft. or more when used as a finish depending on applied texture.

11. Warning

This product contains cement and sand.

Cement can cause irritation or severe burns to eyes and skin with little or no warning. Wear protective boots, gloves and eye protection. Avoid contact with eyes or skin whether direct or indirect through saturated clothing. In case of contact with eyes or skin, flush thoroughly with water. If irritation persists or burning develops, seek medical attention.

Sand can be abrasive to the eyes and skin. Wear appropriate eye and skin protection. In case of contact with eyes, flush thoroughly with water. If irritation persists, seek medical attention.

This product contains greater than 0.1% crystalline silica. Chronic over-exposure to airborne crystalline silica has been linked to lung problems, including cancer and silicosis. AVOID BREATHING DUST; USE A NIOSH APPROVED DUST RESPIRATOR and USE ONLY WITH ADEQUATE VENTILATION to keep dust levels below permissible levels.

READ AND FOLLOW ALL PRECAUTIONS LISTED IN THE MATERIAL SAFETY DATA SHEET(S) AVAILABLE UPON REQUEST OR AT WWW.ASHGROVEPKG.COM.

12. Limited Warranty

This product meets or exceeds applicable ASTM C-387 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.

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.



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kolorflex admixture



1. Product Name

Kolorstone Kolorflex Admixture
Product Number: 455

2. Manufacturer

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

Kolorstone® Kolorflex Admixture is a liquid acrylic polymer designed as an admixture for **Kolorstone Broomcoat of KolorStone Classic** but can be used as an admixture for any portland cement-based repair material.

BASIC USE:

Designed as an additive when mixing:

- Stuccos
- Mortars
- Plasters
- Tile Grouts
- Masonry Coatings
- Scratch and Brown Coats
- Surface Bonding Cements
- Cement Based Repair Materials
- Kolorstone Classic
- Kolorstone Broomcoat

COMPOSITION & MATERIALS:

Kolorstone® Kolorflex Admixture is a mixture of 100% acrylic resins and proprietary ingredients.

4. Advantages/Benefits

Kolorstone® Kolorflex Admixture has several advantages and features including:

- Increases Bond Strength
- Will not discolor white products
- Improves freeze-thaw resistance
- Interior or exterior
- Reduces Shrinkage
- Promotes curing
- Meets ANSI 118.4

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 and any other foreign materials that will inhibit performance. Slick or sealed surfaces must be thoroughly roughened.

Refer To:

- ASTM D 4258 Surface Cleaning Concrete for Coating
- ASTM D 4259 Abrading Concrete
- ASTM D 4260 Acid Etching Concrete
- ASTM D 4261 Surface Cleaning Concrete Unit Masonry for Coating
- ASTM D 4580 Measuring Delaminations in Concrete Bridge Decks by Sounding
- ACI 201.1R Guide for Making a Condition Survey of Concrete in Service
- ACI 201.3R Guide for Making a Conditional Survey of Concrete Pavements

Make a test area and examine after several days.

6. Mixing Instructions

Thoroughly mix Kolorstone® Kolorflex Admixture before use. Add cement material to the admixture solution. Agitate slowly.

7. Placement

Place the cement material within 20 minutes of adding Kolorstone® Kolorflex Admixture.

Placement Temperature:

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

8. Curing

Polymer modified materials should be air cured. Repairs subject to constant immersion in water, such as swimming pools and reservoirs, should air cure for 7 days before filling.

9. Technical Information

ASTM SPECIFICATIONS:

- Meets requirements of ASTM C387 specifications when used as directed.

10. Limitations

- DO NOT over trowel



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kolorflex admixture (cont.)

- DO NOT mix more than can be placed in 20 minutes
- DO NOT store below 45°F or above 90°F
- DO NOT allow to Freeze
- DO NOT apply if temperature is expected to fall below 45°F within 48 hours.
- DO NOT use membrane curing compounds until cured 7 days
- DO NOT use as a substrate applied bonding agent or primer
- DO NOT reuse empty container. Recycle or dispose of properly

11. Coverage

Depends upon the specific product being used. Consult corresponding product literature for coverage details

12. Warning

Kolorstone® Kolorflex Admixture contains polymethacrylate latex. 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.

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