

## **ASH GROVE KOLORSTONE BROOMCOAT MIXING KIT**

### **Spec Sheets**

#### **Contents:**

**Kolorstone Broomcoat Mixing Spec Sheet**

**Kolorflex Admixture Spec Sheet**



## packaging

### kolor stone broomcoat



#### 1. Product Name

ASH GROVE KOLOR STONE® Broomcoat  
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](http://www.ashgrovepkg.com)

#### 3. Product Description

ASH GROVE KOLOR STONE® BROOMCOAT is a polymer modified cementitious coating designed as an overlayment for any concrete surface. It is a more economical way to resurface old, spalled, or delaminated concrete compared to replacement of the deteriorated concrete.

#### BASIC USE:

Recommended for resurfacing:

- Sidewalks
- Driveways
- Patios
- Concrete Steps

#### COMPOSITION & MATERIALS:

ASH GROVE KOLOR STONE® Broomcoat is a uniformly blended mixture of portland cement, blended silica sands and proprietary additives specifically designed to produce a strong, easy to apply overlayment for deteriorated concrete surfaces.

#### 4. Advantages/Benefits

ASH GROVE KOLOR STONE® Broomcoat has several advantages including:

- Polymer modified
- Tenacious bond
- Extremely tough
- Interior or exterior application
- Feather edge
- Cost effective
- Quality controlled

#### 5. Preparation

Completely clean the concrete to be overlaid by power washing and/or acid washing. Remove any unsound concrete and any oil or foreign materials that may inhibit bond. Slick or sealed surfaces may have to be roughened. Maintain all expansion joints. Cover the joints with tape so as not to allow the coating to fill the joints. An alternative method would be to fill in the joints with the coating and then re-saw

the joints after the coating has cured. Patch any areas greater than a 1/4" in depth with a repair material, or, use layers of Broomcoat to fill in the area to be patched. If using Broomcoat to patch, allow the Broomcoat to set before applying another layer. Cracks must be repaired before the coating is applied. If possible, make a small test area and examine after several days. Before application, dampen the area and remove excess water. Priming the surface is normally not a requirement for Broomcoat. However, priming of questionable surfaces with Ash Grove Kolorstone Primer® is often advantageous.

#### 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

#### 6. Mixing Instructions

Use clean tools, clean buckets, and clean mixing equipment. ASH GROVE KOLOR STONE® Broomcoat Kit consists of a 40# bag of grey powder and a container of liquid admixture. Pour the admixture in the pail and slowly add the powder while mixing. Thoroughly mix all the admixture with all the powder. Allow the mixture to slake (stand) for three or four minutes and remix. Never add water to the mixture. Re-tempering can be done by using additional admixture.

#### 7. Placement

Normal placement is accomplished by pouring the material onto the concrete and spreading the mixture with a squeegee followed by a broom for texture. Other methods include applying by trowel or hopper gun or a combination of both. Final appearance is dependent upon application and desired texture. Do not pour out more material than can be placed within five minutes. Pot life for the mixed material varies with temperatures but generally is workable for 20-30 minutes at 75° F. The coating will take longer to set in temperatures below 50° F and will set faster in temperatures over 90° F. The finished overlayment does not require a sealer. However, application of a sealer to any concrete surface normally extends the life of the concrete. If you choose to seal the coating, we recommend Ash



## kolor stone broomcoat (cont.)

Grove Pro® Kolor-Classic Sealer.

### 8. Curing

Curing is not needed under normal weather conditions. If temperatures or winds are high, placing kraft paper or plastic over the coating will aid in curing and keep the coating from drying out quickly. Ash Grove Pro® Cure-N-Seal can be applied to the coating to aid in curing. Normally the coating dries very quickly so curing is not necessary.

### 9. Limitations

- DO NOT apply without thoroughly cleaning the surface
- DO NOT apply in thicknesses exceeding 1/4" – apply in lifts for greater depths or use a patching material for deeper areas
- DO NOT apply over substrates that are frozen or contains frost
- DO NOT apply over standing water
- DO NOT apply if temperatures are expected to fall below 40° F. within 24 hours
- NEVER add water to the mixture

### 10. Coverage

Coverage will vary depending on the substrate and the type of texturing applied. One kit will cover approximately 100 square feet at a sixteenth of an inch.

### 11. Warning

ASH GROVE KOLOR STONE® Broomcoat powder contains silicon dioxide and portland cement. 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).

The Admixture contains Polymethacrylate Latex. May be harmful if swallowed. Call physician immediately. Avoid contact with eyes. In case of eye contact, flush with clean water for at least 15 minutes and get prompt medical attention. Empty container may be hazardous to children. Material Safety Data Sheets are available upon request or at [www.ashgrovepkg.com](http://www.ashgrovepkg.com).

KEEP OUT OF REACH OF CHILDREN & PETS

### 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.**



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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  
[www.ashgrovepkg.com](http://www.ashgrovepkg.com)

## 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



## packaging

### 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](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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