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Architectural Concrete Solutions

Technical Bulletin and Application Guideline

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October 2016

BOMANITE COLOR PATCH

COLORED CEMENTITIOUS PATCH FOR STAMPED AND COLORED CONCRETE

PRODUCT DESCRIPTION

Bomanite Color Patch is integrally colored, polymer modified, Portland Cement-based, patching material. Bomanite Color Patch is designed to repair small pop outs, thin cracks (less than 1/8 inch wide) and surface damage on colored or imprinted concrete. Bomanite Color Patch is designed to match Bomanite Color Hardener, Bomanite Integral and Bomanite Release Colors. Bomanite Color Patch is available in standard and custom colors and can be applied to interior, exterior, vertical or horizontal colored concrete surfaces.

BEFORE ANY APPLICATION

- Before applying Bomanite Color Patch, the concrete substrate must be free of any dirt, dust, chemicals, and surface contaminants.
- All sealers, cures, coatings, oil, grease, and paints must be removed prior to application. Mechanical or chemical removal (shot or bead blast, grinding, sanding, or stripping) is recommended. Do not use acids!
- Surface temperature must be above 50° F, and below 90° F at time of application. Temperature cannot fall below 32° F for 24 hours after application.
- Assure all loose materials have been removed from cracks, pop outs, and surface damage prior to application.
- Preparing samples is strongly recommended, and is the only method to assure proper color match to existing colored surface.

MIXING INSTRUCTIONS

- Mix only enough material that can be used in a 20 minute time period.
- Mix Bomanite Color Patch with CSB liquid polymer diluted 50/50 with water.
- Mix material in a clean mixing container. Mix to a desired paste like consistency.
- Depending on environmental conditions, and surface type, mix consistencies may need to vary. Maintain batch-to-batch liquid and powder ratios to assure color consistency. Once unused material begins to set up, discard.

APPLICATION (GENERAL CRACK AND POP-OUT REPAIR)

- Remove all loose material from areas to be repaired. The use of a crack chaser and or grinder is recommended.
- To promote better adhesion, apply diluted CSB liquid polymer as a primer with a brush or sprayer. Do not allow primer to puddle. Apply Bomanite Color Patch while primer is wet or tacky. If primer dries, re-apply an additional thin coat of primer to the dry areas.
- Bomanite Color Patch can be applied with trowels, brushes, rollers and putty knives. Different finish effects can be achieved depending on the method of application.

APPLICATION (IMPRINTED CONCRETE REPAIR)

- When Bomanite Color Patch has taken an initial set; it can be imprinted to blend with existing surface textures.
- Using the same release agents, imprinting tools and imprinting methods is recommended when repairing stamped concrete surfaces.
- Using special detail tools like chisels, detail rollers, s-tools, and touch up mats allows for best results.



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MAINTENANCE

- For best results, The Bomanite Company recommends sealing Bomanite Color Patch.
- Bomanite Color Patch requires a minimum of 72 hours cure time before sealing. Additional time may be required depending on material thickness, environmental conditions, temperature and humidity.
- In repair situations, seal with the same sealer as existing substrate.
- Bomanite Color Patch is compatible with all Bomanite solvent and water based sealers.
- Bomanite Color Patch should be maintained with sealers and protective coatings as needed.

COVERAGE

Actual coverage of Bomanite Color Patch may vary depending on the type, age and condition of the concrete, application method and other local conditions.

PACKAGE SIZES

- 15-lb. pail
- 60-lb. pail

LIMITATIONS

Do not expose liquid to freezing temperatures in its liquid state. In cold weather store in enclosed heated areas. A temperature of 45° F must be maintained for a period of 24 hours prior to application.

- Bomanite Color Patch is designed to match hardened control color samples. Colored and imprinted concrete may vary from control samples based on various environmental condition, application methods, and concrete mix design.
- Testing is recommended to ensure both the proper physical and aesthetic appearance and properties prior to starting a project.
- Bomanite Color Patch is a decorative repair material designed for small aesthetic repairs. It is limited in its use and durability depending on site conditions, type of repairs, and environmental conditions.

SPECIFICATION ASSISTANCE

Consult The Bomanite Company for specification assistance, detailing, etc. This consultation is highly recommended prior to specification.

WARRANTY

This product is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller and manufacturer obligations under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product.

Additional product information, technical bulletins and specifications are available online at www.bomanite.com or through one of our Bomanite Licensed Contractors. For additional assistance with specifications or technical issues, contact The Bomanite Company.