



# AL BONDCOAT

## PRODUCT DESCRIPTION

Miracote AL Bondcoat is a high performance, two-component epoxy material designed for priming concrete or similar porous surfaces. AL Bondcoat forms a rigid crack filler in concrete.

## WHERE TO USE

Miracote AL Bondcoat is primarily used to prime new or existing concrete surfaces prior to the application of Miracote resinous flooring systems. AL Bondcoat is used in manufacturing plants, food processing areas, commercial kitchens, washrooms, etc.

## ADVANTAGES

- Excellent adhesion
- “Zero” VOC
- Rapid hardening/cure rate

## COVERAGE RATES

230 sq. ft. mixed gallon

## PACKAGING AND COLORS

7148-2GPA	AL Bondcoat (A – 1.5 gal in 2 gal pail)
7149-1GCB	AL Bondcoat (B – 1 gallon can)
7148-3GPA	AL Bondcoat (A – 3 gallon pail)
7149-2GPB	AL Bondcoat (B – 2 gallon pail)
7148	AL Bondcoat (A – 5 gallon pail)
7149	AL Bondcoat (B – 5 gallon pail)

## MIX RATION

Three parts by volume Comp. A to two part by volume Comp. B

## SHELF LIFE AND STORAGE

Shelf life will be 1 year from the date of manufacture as long as containers remain unopened and when material is store in a protected environment that is free from moisture, excessive heat and freezing temperatures, and direct sunlight.

## TYPICAL PHYSICAL PROPERTIES @ 75°F (24°C)

<b>Solids Content</b> (Volume) .....	100%
<b>Tack free time</b> .....	3-5 hours
<b>Re-coat time</b> .....	6-8 hours

## OVERVIEW OF INSTALLATION STEPS

(Please refer to the following and contact Miracote with questions)

- Prepare concrete surface by shot-blasting to remove all foreign substances.
- Mix resin and hardener components thoroughly.

- Apply Miracote AL Bondcoat by trowel, roller or squeegee or gravity-feed into rigid cracks. Do not puddle material

## For Best Results:

Install a minimum 4’ by 4’ test area site mock up for approval of acceptable color, texture, finish, adhesion, and any other critical requirement acceptable to the owner prior to proceeding with the installation.

Verify current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guidelines (IG) at [www.miracote.com](http://www.miracote.com).

Protect materials from excessive heat and cold and regularly check wet film thickness with mil gauge and monitor consumption to ensure correct application thicknesses and rate are obtained.

## LIMITATION

- Apply only to clean, dry surfaces.
- Material, surface and air temperature must be 50°F or greater during installation.
- RH to be between 50°F – 80°F
- Efflorescence can develop as a result of the migration of water and can result in the failure of substrate or bond or discoloration of the surface.
- Do not apply in areas with MVT above 3 lbs. per 1000 sq. feet.

## PRODUCT AVAILABILITY

Crossfield Products Corp. Miracote maintains offices and factories at addresses listed below. Miracote products are available for purchase through reputable distribution in the building trades.

## MAINTENANCE

For maximum sheen and cleanability, floor should be routinely treated with conventional maintenance finish followed by ordinary buffing.

## SPECIFICATION ASSISTANCE

Consult Crossfield Products Corp. for specification assistance, detailing, etc. This consultation is highly recommended prior to specification.

## SLIP RESISTANCE and CLEANABILITY

In general, the more aggressive the finished surface the greater the coefficient of friction and corresponding slip resistance, the more difficult to clean. The smoother the finished texture the easier the surface is to clean, but there is a loss of skid resistant properties.

## CHEMICAL RESISTANCE

See Crossfield Products Corp’s. Chemical Resistance Guidelines for chemical resistance of a product or system, as well as the types of test performed:

- ASTM C868 Standard Test Method for Chemical Resistance of Protective Lining.

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- ASTM C267 Standard Test Method for Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes.
- ASTM D1308 Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes
- Crossfield Products Corp. Proprietary Testing.

**Note:** Chemical resistance is a functional test, usually limited to changes in weight or thickness measured in loss or gain and does not evaluate subject aesthetic issues. To determine aesthetic issues, Crossfield recommends testing the products or system in accordance with intended end use.

## CLEANING

Cleaning and disinfecting compounds and cleaning techniques can affect the color, gloss, texture and performance of the system. As a precautionary step, Crossfield recommends that the end-user test their cleaning and disinfecting compounds on a sample or on a small, out of the way finished area, utilizing the intended cleaning technique prior to cleaning the entire surface area. If no deleterious effects are observed, the procedure can be continued. If the cleaning and disinfecting compounds or cleaning techniques damage the system, modification of the cleaning material or techniques will be required. Contact your Representative for additional information.

## TESTING

The technical data contained herein is the result of tests made in Crossfield's laboratories or in independent laboratories using small scale equipment, following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

## LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICES ARE MET.

Crossfield Products Corp. warrants to the purchaser of its products that such products are free from manufacturing defect. Crossfield does not warrant or guarantee the workmanship performed by any person or firm installing its products. Crossfield's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Crossfield sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Crossfield's examination shall disclose to Crossfield's satisfaction to be thus defective.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



### MIRACOTE PRODUCT LINE Crossfield Products Corp.

West Coast Office  
3000 E. Harcourt Street  
Rancho Dominguez, CA  
90221  
310-886-9100  
310-886-9119 fax

East Coast Office  
140 Valley Road  
Roselle Park, NJ  
07204  
908-245-2800  
908-245-0659 fax

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