



Product Technical Data Sheet

MIRACOTE[®] AL BONDCOAT

1. PRODUCT DESCRIPTION

A. COMPOSITION

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.

B. TYPICAL USES

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.

C. ADVANTAGES AND LIMITATIONS

ADVANTAGES:

1. Excellent adhesion
2. "Zero" VOC
3. Rapid hardening/cure rate

LIMITATIONS:

1. Apply only to clean, dry surfaces.
2. Material, surface and air temperature must be 50°F or greater during installation.
3. RH to be between 50°F – 80°F
4. 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.
5. Do not apply in areas with MVT above 3 lbs. per 1000 sq. feet.

2. TYPICAL PHYSICAL PROPERTIES at 75°F (24°C)

A. Solids Content (volume)	100%
B. Tack free time	3-5 hours
C. Re-coat time	6-8 hours

3. INSTALLATION

- A. Prepare concrete surface by shot-blasting to remove all foreign substances.
- B. Mix resin and hardener components thoroughly.
- C. Apply Miracote AL Bondcoat by trowel, roller or squeegee or gravity-feed into rigid cracks. Do not puddle material

4. PRODUCT AVAILABILITY

Crossfield Products Corp. maintains offices and/or factories at all addresses listed below. Factory Trained Contractors are established in all major trading areas in the United States, Canada and various European, Latin American and Far East nations.

5. 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.

6. 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.

7. MAINTENANCE

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

8. SPECIFICATION ASSISTANCE

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

9. 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.
- 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.

10. 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.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



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