



MiraPrime 500

Product Technical Data Sheet

Miracote MiraPrime 500 is a two-component water base epoxy material designed for multi-use to prime polymeric polyurethane concrete, cementitious and a limited range of metals or wood.

ADVANTAGES

- Low odor
- Excellent adhesion to damp surfaces
- Environmentally safe, VOC compliant
- Prime existing polyurethane surfaces prior to recoating.
- Available through Miracote distributors

COVERAGE RATES

350 sq. ft. @ 4-6 mils WFT per gallon

PACKAGING

5-gallon kit

MIX RATIO

1.9 parts by volume Comp. A to three parts by volume Comp B

SHELF LIFE AND STORAGE

Shelf life will be one 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.

WHERE TO USE

MiraPrime 500 is primarily used to seal new or existing plywood or concrete surfaces prior to the application of Miracote polyurethane waterproofing and surfacing systems or to prime existing polyurethane surfaces to recoat. A special feature of MiraPrime 500 is it's extremely low odor and freedom from toxic effect on applicators or personnel in the area. MiraPrime 500 is ideal for use on pedestrian traffic decks and balconies, parking decks, etc.

TYPICAL PHYSICAL PROPERTIES @ 75F (24C)

Solids content (volume).....	48.6%
Penetration time.....	30-60 minutes
Re-coat time.....	12-16 hours
Pot Life Gal Mass @ 75°F (24°C).....	1.5 hours

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 guides (IG) at 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.

OVERVIEW OF INSTALLATION STEPS

- Prepare concrete surfaces by shot blasting or acid-etching. Metal surfaces must be cleaned of all paint, grease, rust, and scale, by chipping, power brushing or sandblasting.
- Mix resin and hardener components thoroughly.
- Apply MiraPrime 500 by trowel, roller or squeegee.
- Apply additional coat of MiraPrime 500 over areas where high water tables are present or if first coat is totally absorbed.

Cautions: Clean all equipment immediately after use with water. Do not take internally. KEEP FROM FREEZING. For industrial use and professional application only.

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LIMITATIONS

- Apply only to properly prepared surfaces.
- Material, surface and air temperature must be 50 degrees or greater and less than 120°F during installation.
- Efflorescence can develop as a result of migration of water and can result in the failure of substrate, bond or discoloration of the surface.

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

See final finish materials instructions..

SPECIFICATION ASSISTANCE

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

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.



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