



MiraGard Colorbond XL

Product Technical Data Sheet

Miracote MiraGard Colorbond XL is a single component self-crosslinking acrylic finish waterproofing sealer for two-coat application to Miracote Protective Coating in new or recoat work. Important characteristics of MiraGard Colorbond XL are its durability and excellent weathering qualities.

ADVANTAGES

- Tough, long lasting finish.
- Weather resistant.
- Excellent color retention.
- Environmentally friendly; VOC compliant.
- Available through Miracote distributors.

COVERAGE RATES

250-300 sq. ft. @ 5 mils (wet) application per coat.

PACKAGING AND COLORS

1-gallon can

5-gallon pail

Colors: Standard Colors, Custom Colors, Premium Colors.

Use Miracote Color Chart for MiraGard Colorbond XL & ColorPax LIP.

MIX RATIO

Single component. Use as supplied.

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

Miracote MiraGard Colorbond XL comes in 15 colors plus black, white and charcoal. Custom matched colors are available.

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

Vehicle Type..... Acrylate copolymer in aqueous dispersion

Gloss 60° Gloss Metter >75+

Cleaning Solvent Water

Physical Properties

Flexibility Excellent

Weathering Excellent

Abrasion Resistance..... Excellent

Curing Time (77°F)

Dry to Touch..... 1 hour

Recoat..... 4 hours

Traffic..... 24 hours

Temperature Limit..... Continuous 180°F

Intermittent..... 255°F

Color Retention

No fading or deleterious effect. Atlas Twin-Arc Weatherometer - 20 mins: Cycle - 17 mins: Dry - 3 mins: Wet - 300 hours.

Accelerated Ultraviolet Light Exposure

No fading or visible deleterious effect under 10X magnification. Desert Sunshine Exposure Test, Inc., Phoenix, Arizona
“Procedure EMMA” (mirror-accelerated exposure)

CHEMICAL RESISTANCE CHART

| Environment..... | Immersion | Splash and Spillage | Exterior Weathering |
|------------------|-----------|---------------------|---------------------|
| Acid..... | LR | R | R |
| Alkali..... | LR | R | R |
| Solvent..... | LR | LR | LR |
| Salts..... | R | R | R |
| Water..... | R | R | R |

R – recommended

NR – not recommended

LR – Limited recommendation

FOR BEST RESULT

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.

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.

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OVERVIEW OF INSTALLATION

- Apply two coats by brush, roller, conventional or airless spray. Strain material before spray application. Allow for losses due to application methods, conditions and surface irregularities. Dries to touch in approximately 20 minutes. Allow 4 hours dry time between coats.

Caution: Miracote MiraGard Colorbond XL's slip resistance characteristics can be reduced when used in conjunction with other Miracote sealers.

LIMITATIONS

- Apply only to clean, relatively dry surfaces.

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 D1308 Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes.
- Crossfield Products Corp. Proprietary Testing.

CHEMICAL RESISTANCE

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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.



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04-14-2014