



MiraGard Enriching Sealer

Product Technical Data Sheet

Miracote MiraGard Enriching Sealer is a nano scale premium, “wet look”, non-aqueous, penetrating sealer formulated to provide maximum stain protection. It is a non-VOC, green technology formulation.

ADVANTAGES

- Miracote MiraGard Enriching Sealer allows moisture vapor transmission and possesses very good stain resistance. It is compliant with Industrial Maintenance Coating Guidelines and the South Coast Air Quality Management District (SCAQMD) Rule 1113.
- Miracote MiraGard Enriching Sealer maintains a clean appearance and is highly resistant to deterioration when exposed to routine mild cleaning materials such as citrus, light TSP and surfactant cleaners.
- Resists a wide range of in-service chemicals and is very stain-resistant to a wide variety of industrial chemicals. Staining resistance and cleaning capability improves after 30 days.
- ADA Compliant: for in-situ, validate ADA Compliance with a Variable Incident Tribometer Machine.
- LEED (Leadership in Energy and Environmental Design) Credit Points may be available under several different Classifications.
- Does not contain chemicals targeted by Green Seal Standard GS-11 and LEED-CS as unacceptable.
- Available through Miracote distributors.

COVERAGE RATES

800-1200 sq. ft. per coat/gallon.

(Actual coverage rate varies depending on porosity of the substrate).

PACKAGING

- 1-gallon can
- 5-gallon pail

MIX RATIO

Single component. Do not dilute with anything. 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

- Designed for use as an easy-to-apply sealer for polished concrete.
- It is also an excellent enriching sealer for natural stone, brick, saltillo tile, and other concrete installations.
- MiraGard Enriching Sealer can be used in both interior and exterior service.
- It possesses excellent resistance to ultraviolet light including freedom from color change or degradation.

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

Weight per gallon.....	8.75 lbs./gal./net
Active Material.....	.67.0%
VOC.....	<0.01 g/L
Coefficient of Friction-Rubber Shoe Surface (ASTM D2047, Tribometer, Bench Tested, recommend field verification at time of application)	
Level.....	0.8 (wet and dry)
Incline.....	0.8 (wet and dry)
Stain Resistance (4 hour spot test)	
Water.....	Excellent
Motor Oil (W30).....	Excellent
Transmission Oil (SAE30).....	Excellent
Bleach.....	Excellent
Caustic Soda (50% NaOH).....	Excellent
Phosphoric Acid (10%).....	Excellent
Acetic Acid (10%).....	Excellent
Hydrochloric Acid (10%).....	Excellent

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

- Surface Preparation – dry, clean and free of contaminants.
- Finish – Nano-structure penetrating film, minimal to no surface profile and build.
- Read entire label and MSDS before using.
- Apply 48 hours or longer, after polished concrete, brick, grout, or stone tile has been placed. Apply using a sponge, brush, paint pad, cotton towel, or sprayer.
- *After 5-10 minutes, remove puddles or excessive sealer, using an absorbent paper towel or cotton cloth to avoid irregular penetration. After 60 minutes, re-apply a 2nd coat, following steps described above. Ready for use: 2-4 hours after last coat, if kept dry. Allow 12-24 hours before regular use. For full anti-stain properties to develop, allow up to 30 days. Clean applicator tools with isopropanol, followed by lukewarm water and soap (apply within a moderate temperature range, 40°F and above, best if surface temperature is less than 90°F).

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LIMITATIONS

- Substrate must be above 40° F (4.4° C) dry and free of excessive water vapor transmission with a relative humidity below 85% at time of installation. Miracote MiraGard Enriching Sealer is not a film-forming sealer. Harsh cleaning methods, combined with high alkaline, acidic, or solvent-based cleaners will affect product longevity. Use of strong cleaners such as a high pH strippers that contain a high level of sodium hydroxide or potassium hydroxide may require periodic re-application of MiraGard Enriching Sealer depending on the frequency of cleaning operation, but usually within every three to five years.
- Do not apply over moving cracks, joints, or unsupported gaps. If sub-surface cracks after the coating is applied, the cracks can reflect through. Do not apply over working joints, expansion joints, or construction joints.
- The proper application of this product is the sole responsibility of the end user. *Job site visits by Miracote representatives are a support service only and are not participatory in the quality or performance of the contractor.* Supervision and quality control of work and contract are the sole responsibility of the contractor and user.

Measure surface and ambient temperatures to assure application is within the acceptable range.

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.

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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