



MiraPatch RM 3

Product Technical Data Sheet

Miracote MiraPatch RM 3 is a two-component unit consisting of a synthetic rubber latex liquid which is blended and stabilized together with a dry component containing a dehydrating powder and curing chemicals. This combination is mixed and applied on the job resulting in a smooth monolithic underlayment to receive finishing flooring.

ADVANTAGES

- Resilient
- Solves difficult bonding problems
- Easily installed
- Crack resistant
- Sound absorbing
- Excellent adhesion
- Trowels smooth
- Broad application temperature range
- Vermin proof
- Engineered dry mix for maximum performance
- Compatible with most adhesives
- Contains no solvents
- Excellent adhesion to concrete, tile and many other substrates
- Compatible for application over Miracote Liquid Catalyst Primer

COVERAGE RATES

33.6 sq. ft. @ 1/8 inch
16.8 sq. ft. @ 1/4 inch
8.4 sq. ft. @ 1/2 inch
4.2 sq. ft. @ 1 inch
2.1 sq. ft. @ 2 inch

PACKAGING and COLORS

Liquid: 5-gallon pail
Powder: 36-pound bag and 50-pound bag

MIX RATIO

1 gallon of MiraPatch RM 3 Liquid to (1) 36-pound bag powder

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 stored in a protected environment that is free from moisture, excessive heat and freezing temperatures, and direct sunlight.

WHERE TO USE

A latex mastic composition for use over wood, concrete, steel and other SURFACES as a

Leveling Coarse for:

- Smoothing uneven surfaces
- Covering heating conduit in concrete
- Covering insulation
- Providing drainage

Underlayment for:

- Resilient tile
- Ceramic tile
- Linoleum
- Latex Mastic Finishes
- Carpet
- Many types of troweled composition floors and promenade roof surfaces

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

Compressive ASTM C109	2100 psi
4 day.....	3950 psi
Tensile Strength ASTM C307	925 psi
Flexural Strength ASTM C580	2,400 psi
Flow at Elevated Temp. (300°F for 4 hrs.).....	None
Corrosive Effect on Aluminum or Steel	None
Adhesion @ up to 1/8" thick	192 psi (Shear from steel plate)
Adhesion @ up to 1/4" thick (Shear from steel plate).....	122 psi
Compression Strength Loss after Three Days Immersion in 140°F.....	4% max.
Impact Resistance	No cracking or loss of adhesion (2 lb. steel ball dropped from 8-ft height sample on steel plate)
Indentation @ up to 1/8".....	.023"
Indentation @ up to 1/4".....	.048"

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.

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

- **Application Thickness**
 - Spread at feather edge up to 1 inch
 - Non-shrink divot filler
 - Filler for expanded metal lathe over wood
- **Installation**
 - Prepare surfaces by removal of laitance, grease and foreign matter.
 - Apply Miracote Waterproof Membrane, if specified.
 - Apply bonding coat by trowel or brush.
 - Trowel apply underlayment base body coat.
 - Power sand to remove trowel marks.
 - Apply desired finish materials or composition system.

Note: Special Miracote drains, floor clean-outs, etc. are available from most major drain manufacturers. These should be used in conjunction with Miracote floor applications. Consult Miracote Division of Crossfield Products Corp. for current listing and plumbing roughings.

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LIMITATIONS

- Requires Primer over porous surfaces
- Efflorescence can develop as a result of the migration of water and can result in the failure of substrate or bond

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.

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.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



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