



REPAIR MORTAR II (RM II)

PRODUCT DESCRIPTION

Miracote Repair Mortar II 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.

TYPICAL USES

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

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

- 146.2 sq. ft. @ 1/32 inch
- 73.1 sq. ft. @ 1/16 inch
- 36.5 sq. ft. @ 1/8 inch
- 18.2 sq. ft. @ 1/4 inch
- 9.1 sq. ft. @ 1/2 inch
- 4.5 sq. ft. @ 1 inch

PACKAGING

- 7064-1 RM II Liquid (1 gallon can)
- 7064 RM II Liquid (5gallon pail)
- 7065 RM II Powder (40 lb bag)

MIX RATIO

1 Gal. Liquid to (1) 40 lbs bag powder.

SHELF LIFE AND STORAGE

One year from package manufacturing date. Keep in dry storage area until ready for use.

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

Dry Weight @ 1/8"	1.3 lbs/sq. ft.
ASTM C109 Compressive	4 day 3,950 psi
	7 day 4,200 psi
	28 day 5,250 psi
ASTM C307 Tensile Strength	Average 873 psi
ASTM C580 Flexural Strength	1,219 psi
Bond Strength (in shear)	150 psi
Flow at Elevated Temp. (300°F for 4 hrs.)	None
Corrosive Effect on Aluminum or Steel	None
"K" Factor	4.43
(Thermal Conductivity at a Mean Temp. of 70°F)	
Adhesion @ up to 1/8" thick	192 psi
(Spear from steel plate)	
Adhesion @ up to 1/4" thick	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	
samples on steel plate)	
Indentation @ up to 1/8"023"
Indentation @ up to 1/4"048"

OVERVIEW OF INSTALLATION

(Obtain and refer to Miracote Installation Guideline for full instructions)

- **Application Thickness**
 - Spread at feather edge up to 1 inch
 - Non-shrink divot filler
 - Filler for expanded metal lathe over wood
- **Installation**

Miracote Repair Mortar II is installed over any approved subsurface in strict accordance with the manufacturer's printed application specification.

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.



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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.

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. 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.

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

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.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



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