



# Product Technical Data Sheet

## MIRACOTE® REPAIR MORTAR II (RM II)

### 1. PRODUCT DESCRIPTION

#### A. COMPOSITION

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.

#### B. 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

#### C. ADVANTAGES AND LIMITATIONS

##### ADVANTAGES:

1. Resilient
2. Solves difficult bonding problems
3. Easily installed
4. Crack resistant
5. Sound absorbing
6. Excellent adhesion
7. Trowels smooth
8. Broad application temperature range
9. Vermin proof
10. Engineered dry mix for maximum performance
11. Compatible with most adhesives
12. Contains no solvents
13. Excellent adhesion to concrete, tile and many other substrates
14. Compatible for application over Miracote Liquid Catalyst Primer

##### LIMITATIONS:

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

#### D. APPLICATION THICKNESS

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

### 2. TYPICAL PHYSICAL PROPERTIES at 75°F (24°C)

<b>A. Dry Weight @ 1/8"</b>	1.3 lbs/sq. ft.
ASTM C109 Compressive	4 day – 3,950 psi 7 day – 4,200 psi 28 day – 5,250 psi Ave – 873 psi
ASTM C307 Tensile Strength	1,219 psi
ASTM C580 Flexural Strength	150 psi
<b>B. Bond Strength (in shear)</b>	150 psi
<b>C. Flow at Elevated Temp.</b> (300°F for 4 hrs.)	None
<b>D. Corrosive Effect on Aluminum or Steel</b>	None
<b>E. "K" Factor</b>	4.43
(Thermal Conductivity at a Mean Temp. of 70°F)	
<b>F. Adhesion @ up to 1/8" thick</b>	192 psi (Shear from steel plate)
<b>G. Adhesion @ up to 1/4" thick</b>	122 psi
<b>H. Compression Strength Loss after Three Days</b>	
Immersion in 140°F	4% max
<b>I. Impact Resistance</b>	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"

### 3. INSTALLATION

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

### 4. 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.

### 5. 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.

## 6. MAINTENANCE

For maximum sheen and cleanability, floor should be routinely treated with conventional maintenance finish followed by ordinary buffing.

## 7. SPECIFICATION ASSISTANCE

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

## 8. 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

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



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