



# Product Technical Data Sheet

## REPAIR MORTAR III (RM III)

### 1) PRODUCT DESCRIPTION

#### A) Composition

Miracote Repair Mortar III 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.

#### 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

Generally applications over wood require installation of expanded metal lath mechanically fastened to the substrate floor. Use of felt sheeting is recommended at seams.

#### C) 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

#### CAUTIONS:

- a. Requires Primer over porous surfaces.
- b. 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) PHYSICAL CHARACTERISTICS AND TECHNICAL DATA

ASTM-C-109 Compressive.....	2114 psi
4 day.....	3950 psi
ASTM - C-307 Tensile Strength.....	925 psi
ASTM C-580 Flexural Strength.....	2415 psi
Flow at Elevated Temp. (300°F for 4 hrs.) .....	None
Corrosive Effect on Aluminum or Steel.....	None
Adhesion @ up to 1/8" thick (Shear from steel plate) ..	192 psi
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	
(2 lb. steel ball dropped from eight foot height	
samples on steel plate) .....	No cracking or loss of adhesion
Indentation @ up to 1/8" .....	.023"
Indentation @ up to 1/4" .....	.048"

### 3) INSTALLATION

- a. Prepare surfaces by removal of laitence, grease and foreign matter.
- b. Apply Miracote Waterproof Membrane, if specified.
- c. Apply bonding coat by trowel or brush.
- d. Trowel apply underlayment base body coat.
- e. Power sand to remove trowel marks.
- f. 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.

### 4) PRODUCT AVAILABILITY

Miracote Repair Mortar III is available from any Authorized Miracote Distributor or Crossfield Products Corp., Rancho Dominguez, CA and Roselle Park, NJ.

### 5) SPECIFICATION ASSISTANCE

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

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



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