



A Fast Setting Hydraulic Cement for Repairing Cracks, Holes, and Other Damaged Concrete Surfaces.

SPEED MIX 2000

Polymer Modified Repair Mortar



DESCRIPTION & BASIC USE

Multicoat® SPEED MIX 2000 is a fast setting, resin modified, hydraulic cement. It is used by itself for most types of concrete repair such as leveling, filling cavities and cracks. Can be used interior or exterior, vertical, horizontal or overhead. It is also a specified component of other Multicoat® Systems.

ADVANTAGES:

- Quick set, 2 to 4 minutes
- Non-shrinking
- Compression strength 3975 psi in 24 hours
- Can be overcoated with acrylic coatings
- Can be feathered to as little as 60 mil
- One-Component, just add water
- Contains no corrosive agents
- Weather resistant
- Ideal for anchoring bolts, poles, etc
- Cleans up with soap and water
- Put into service in less than 1 hour
- Pea Gravel can be added

SEE TEST DATA

SURFACE PREPARATION:

Concrete to which SPEED MIX will be applied must be completely free from all grease, oil, paint, dirt, dust, laitance, sealers, curing compounds, water repellents and other foreign materials which may interfere with bonding. Shot Blasting or sand blasting may be necessary. To remove heavy grease use a biodegradable degreaser with steam machine if necessary.

APPLICATION:

SPEED MIX 2000 is vigorously field mixed with potable (clean) water to thoroughly disperse all solids to desired consistency. Mix with the proper amount of water to reach your desired consistency depending upon the type of repair. For best results, dampen area to be repaired with water before applying Speed Mix 2000. DUE TO FAST SET UP TIME, MATERIAL SHOULD BE PLACED WITHIN 40 to 60 SECONDS AFTER MIXING.



MIX SPEED MIX WITH WATER.



MIX SPEED MIX WITH WATER TO DESIRED CONSISTENCY.



APPLY SPEED MIX TO SUBSTRATE TO BE REPAIRED.



TROWEL OUT LEVEL WITH ADJACENT SURFACE.

COVERAGE:

One 50-lb pail will yield approximately 1/2 of a cubic foot. (996 cubic inches). Equates to an area 12" wide, x 12" long x 6.9" deep.

ADDITIONS:

Clean pea gravel can be added when filling deep (3" or greater) horizontal areas. Total volume of pea gravel can not exceed 25% of Speed Mix being used.

LIMITATIONS:

Do not apply if substrate temperature is below 40°F or above 100°F, or if ambient temperature below 40°F above 100°F.

Do not apply if precipitation is expected within a twenty four (24) hour period.

PACKAGING AND STORAGE:

SPEED MIX 2000 is packaged in 25-lb and 65-lb poly-lined bags, 50-lb pails, and 10-lb cans. Shelf life is approximately 24 months in unopened bags. Store in a dry environment.

WARRANTY:

Materials are guaranteed with respect to uniformity and quality within manufacturer's specifications. Seller makes no other warranty, expressed or implied, regarding the use of its products. Since use of the product is beyond seller's control, the buyer assumes all risks of use. Seller's sole obligation shall be to replace the material if found to be defective. Seller shall not be liable for any damages, injury, loss, direct or consequential, resulting from use of its products.

DAMAGE LIMITATION

Seller shall not be liable for any damages, injury, loss, direct or consequential, resulting from its products. The parties intend that the limitation of damages, including consequential damages, applies even if the exclusive remedy provided for herein fails of its essential purpose.

EXCLUSIVE REMEDY

Seller's sole obligation, and buyer's exclusive remedy shall be to replace material if found to be defective.

WARRANTY DISCLAIMER

There are no warranties which extend beyond the description of the fact hereof. Seller expressly disclaims all other warranties regarding the use of its products, whether expressed or implied, including the implied warranties of merchantability and for fitness of a particular purpose. Since use of the product is beyond the Seller's control, the Buyer assumes all risk of use.

WARRANTY

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TEST DATA - SPEED MIX 2000

TEST	METHOD	RESULTS
Compressive Strength, PSI.....	1 Day	4400 psi
	28 Day	6300 psi
Flexural Strength, PSI	28 Day	1525 psi
Tensile Strength, PSI	28 Day	700 psi
Density, g/cc		1.97
Set Time (minutes).....	Initial	16
	Final	18
Shrinkage %	28 Day075%



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