

Surface Preparation



FLOOR MUD PORTLAND # 833 Portland Cement Mortar Bed

SGM Floor Mud is a unique blend of Portland cement, graded silicas and additives, developed to produce a suitable dense substrate for ceramic tile and dimension stone. Only the addition of clean, cool water is needed.

MANUFACTURER:

SGM, Inc.
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USES:

- Shower Pans
- Mortar Bed
- Remodeling Work
- Commercial Projects
- Counter tops
- Wood Sub floors
- Concrete Repair
- Residential Projects

LIMITATIONS:

Floor Mud is not an adhesive mortar, substrate only. For ADDITIONAL STRENGTH AND ADHESION USE Southcrete 30 high strength admix in lieu of water. Tile can be set with Floor Mud while still plastic using neat Portland Cement Bond Coat conforming to ANSI-108.1 guidelines.

CHARACTERISTICS:

- Saves Time and Labor
- Water Resistant
- Quality Controlled Mix
- Vermin Proof

PREPARATION:

Floor Mud may be used only over properly prepared substrates. Floors must be 28 days cured and free of moisture. All floors must be free of any wax, oil, dust or paint over spray.

Hence, any further cleaning shall be done using SGM Safe Clean Crystals, refer to Safe Clean label directions. Remove all liquid curing agents. All materials and areas to be tiled should remain above 40°F 24 hours prior and 72 hours after installation.

Countertops and Wood Floors –

Place a cleavage membrane such as 15 lb roofing felt, or 4-mil polyethylene film. Reinforce with metal lath. Float to a minimum of 3/4". Shower Floors – a minimum of 1 1/4" thick Floor Mud is required. For shower receptors follow the appropriate TCNA methods B414, B415, B416 for installation. Shower Floor membrane as required by local authority having jurisdiction. Tile installation to conform to appropriate ANSI method.

MIXING AND APPLICATION:

Add sufficient cool potable water to dry mix approximately 3/4 - 1 gallon per 50 lbs of Floor Mud. Mix until mortar becomes trowable. Apply floor mud to subsurface using sufficient pressure to insure a good mechanical bond. Float Floor Mud to desired thickness. Follow Tile Council of American Handbook Details EJ171-88 for expansion joints.

CURING:

Minimum cure is reached 12-24 hours. Tiles may be set while floor mud remains plastic. Setting time may vary according to atmospheric conditions.

COVERAGE:

24 sq. ft per 50 lb bag at 1/4" thickness
12 sq. ft per 50 lb bag at 1/2" thickness

8 sq. ft per 50 lb bag at 3/4" thickness
6 sq. ft per 50 lb bag at 1" thickness

CLEAN UP:

Clean up hands and tools with warm soapy water before material dries.

PACKAGING:

50 net pounds (22.7/kg)

WARNING:

Product is Alkaline on contact with water. Use paddle for mixing to avoid splashing into eyes or contact with skin. During mixing or application, avoid contact with eyes. In case of such contact flood eyes repeatedly with water and call physician. Wash thoroughly after handling and before smoking or eating. Do not take internally. Contains free silica do not breath dust. Prolonged exposure to dust may cause delayed lung disease (silicosis). **WARNING:** This product may expose you to chemicals, including silica, which the state of California recognizes as a cause of cancer. For more information, visit www.P65Warnings.ca.gov. Use NIOSH approved masks at all times to handle silica dust. **KEEP OUT OF REACH OF CHILDREN.**

WARRANTY:

SGM Inc. warrants this product will perform in accordance with its intended use for a period of one year from the date of manufacture. Any claim for defective product must be submitted in writing to SGM Inc. and samples of

defect must be provided. EXCEPT AS PROVIDED HEREIN, SGM INC. MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. IN NO EVENT SHALL SGM INC. BE LIABLE FOR DAMAGES OF ANY KIND OR NATURE, WHETHER ARISING BY CONTRACT, TORT OR OTHERWISE. SGM INC.'S SOLE OBLIGATION WILL BE TO REPLACE ANY PRODUCT DETERMINED BY SGM INC. TO BE DEFECTIVE.

MAINTENANCE:

None required.

TECHNICAL SERVICES:

Technical assistance, including more detailed information, product literature, test results, project list, samples, assistance in preparing project specifications and arrangements for job site inspection and supervision, is available by contacting SGM Technical Services Department.

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WARNING: This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.