



# FLOOR MUD

◆ The Pro's Choice Since 1936



Sakrete® Floor Mud is a portland cement-based mortar designed for thick setting beds under ceramic or quarry tiles. When mixed to a dry consistency, Floor Mud allows maximum compaction during tamping.

## Features:

- Dry pack ability for a thick mortar bed
- Interior or exterior applications

## Use For:

- Setting thick mud beds under ceramic or quarry tiles
- Shower receptors, over concrete floors, roof decks and concrete decking & stairs

## Coverage:

50 lb (22.7 kg) bag yields approximately 6 ft<sup>2</sup> at 1" (25 mm) deep

## Technical Data:

DIVISION 09

Mortar-Bed Tiling – 09 32 00

## Preparation/Application over existing concrete:

- Surface must be clean, dry, hard and free from dirt, loose particles, wax, sealers, curing compounds, grease, paint, efflorescence and any foreign materials that will inhibit adhesion.
- Floors must be structurally sound, free of movement and dimensionally stable.
- Apply only to surfaces that are frost free and will be above 40°F (4°C) for 72 hours.
- All installations must conform to ANSI A108.1.
- Smooth concrete surfaces must be scarified.
- Concrete surface must be brought to a saturated surface dry (SSD) condition with clean potable water. All excess water must be removed.

Note: Do not use over gypsum underlayment, hardwood, OSB, particle board or parquet flooring.

## Concrete floor without reinforcement:

(For floors less than 65 ft<sup>2</sup>)

TCNA Methods F-101, F-112, F132 and F134

1. Apply Floor Mud
2. The addition of Sakrete Bonder Fortifier provides better adhesion to the existing substrate and strength to the mortar bed.

## Mixing:

1. Use cool, clean, potable water for mixing. Always use clean tools and mixing containers. Sakrete Bonder & Fortifier can be used in place of water.
2. Add just enough dry mix to the liquid, approximately 2.5 - 3 qts (2.4 L - 2.8 L) per 50 lbs (22.7 kg), to produce a dry-pack consistency. Too much liquid will cause the mortar to have a reduced strength.
3. Mix thoroughly until lump free.
4. The consistency and workability should be such to allow maximum compaction during tamping.
5. Bucket life is approximately one hour. Warmer temperatures will reduce the bucket life.

## Application:

All installations must conform to the current specifications in the TCNA Handbook for thick bed installations and ANSI 108.1 wet set method with Portland Cement Mortar when using a wet set tile installation.

## Floors requiring reinforcement:

(TCNA methods F-111, F-114 and F-121 for areas greater than 65 ft<sup>2</sup>).

1. Place galvanized reinforcement (2" x 2" (102 x 102 mm), 16 gauge welded wire mesh) in the center of the mud bed. Do not butt wire against vertical surfaces.
2. Lap joint should be at least one full mesh.
3. Apply a slurry bond coat and install floor mud to desired thickness.

*NOTE: Proper application and installation of all Sakrete products are the responsibility of the end user.*

## Shower receptors, steam rooms and wet areas:

(TCNA methods B-414, B-415, B-417, B-420, B-421, B-422, B-426, B-431, B-441, R-612, SR-613, TR-418, TR-420).

1. In areas requiring waterproof membranes, a minimum thickness of 1.5" (37 mm) of Floor Mud is required and must be tamped and sloped 1/4" (6 mm) per foot.
2. A waterproof membrane and flanged drain must be installed prior to the Floor Mud installation. Refer to TCNA B-414, TR-418 and SR-613.
3. A waterproof membrane on top of the cured mud bed greatly reduces mold and mildew growth in the shower floor.

## Over wood floors:

Install a cleavage membrane (4 mil polyethylene film) or a waterproofing membrane when waterproofing is required before placing Floor Mud.

## Setting tiles:

Wet set method

1. Completely immerse tile in clean, potable water until saturated. Drain excess water. Re-soaking of tile may be necessary if the tile exhibits drying along the edges before setting.
2. Apply bond coat of neat cement over fresh, plastic, firmly compacted Floor Mud.
3. Immediately press saturated tile in place and beat in for proper contact.
4. Coverage under the tile should be a minimum of 80% for interior or dry areas and 95% for exterior or wet areas.



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## **Dry set method:**

1. For installations of tile over a cured Floor Mud, tile setting can begin as soon as the Floor Mud can support foot traffic or the weight of the tile.
2. Tile setting should be finished within 24 hours of the installation of the Floor Mud.
3. If tile setting cannot be completed within 24 hours of the installation of the Floor Mud, then tiling cannot occur until 28 days have passed for curing of material.

## **Limitations:**

1. Do not use over gypsum underlayment, hardwood, OSB, particle board or parquet flooring
2. Do not use under moisture sensitive floor coverings
3. Do not overwater. Mix to a dry pack consistency.

## **Safety:**

### **WARNING!**

#### **AVOID BREATHING DUST. CONTAINS CRYSTALLINE SILICA.**

Prolonged exposure to crystalline silica is known to cause lung cancer or delayed lung injury, including silicosis. Take measures to eliminate or control dust. For prolonged exposure to dust, wear a respirator approved for protection against crystalline dust.

**California Proposition 65** - This product contains Crystalline Silica, Quartz a chemical known to the state of California to cause cancer birth defects or other reproductive harm.

READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product. WARNING: Wear protective clothing and equipment. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA).

**KEEP OUT OF REACH OF CHILDREN.**

## **Limited Product Warranty:**

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the dates the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement or defective products or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.