



FLOOR MUD

PRODUCT No. 1548-81

PRODUCT DESCRIPTION

QUIKRETE® Floor Mud is designed for leveling travertine, slate and marble floor tile and for shower pan applications. QUIKRETE® Floor Mud consists of a uniformly blended mixture of Portland cement, graded sand and other proprietary ingredients.

PRODUCT USE

QUIKRETE® Floor Mud is a contractor grade, pre-blended underlayment mortar mix used to level properly prepared concrete and wood floors for setting tiles and installing shower pans. Benefits include:

- Low-sag – supports heavy stone tile
- Exterior or interior use
- Exceeds 5000 psi (34.5 MPa) compressive strength (typical) @ 28 days

SIZES

- QUIKRETE® Floor Mud – 80 lb (36.3 kg) bags

YIELD

- 80 lb (36.3 kg) bag - Approximately 0.66 cu ft (19 L)

TECHNICAL DATA

APPLICABLE STANDARDS

- ASTM International - ASTM C387 *Standard Specification for Packaged, Dry, Combined Materials for Mortar and Concrete.*
QUIKRETE® Floor Mud complies with the compressive strength requirements for high strength mortars per ASTM C387. Typical compressive strengths exceed 5000 psi (34.5 MPa) at 28 days
- Proportioned in accordance with the requirements of American National Standards Institute – (ANSI) A108.1A, A108.1B and A108.1C

INSTALLATION

SURFACE PREPARATION

Smooth surfaces must be scarified (roughened). Remove all loose material and dust. Clean surface thoroughly. Do not leave standing puddles. Not for application over paint or sealers.

ADMIXTURES

For applications of ½ to 1-½ inch (12 -38 mm) in thickness, replace half of the mixing water with QUIKRETE® Concrete Acrylic Fortifier #8610 and mix as described previously. For applications from 1-2 inches (25-50 mm) thick, first coat with QUIKRETE® Concrete Bonding Adhesive #9902. Allow the bonding adhesive to dry before

DIVISION 3

Hydraulic Cement
Underlayment
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proceeding. NOTE: Acrylic Fortifier and Concrete Bonding Adhesive must NOT be used in the same application.

MIXING

QUIKRETE® Floor Mud can be hand mixed or machine-mixed with a paddle-type mortar mixer.

MACHINE MIXING

QUIKRETE® Floor Mud can be mixed in a barrel type concrete mixer or a mortar mixer. Choose the mixer size most appropriate for the size of the job. Allow at least 1 cu ft (28 L) of mixer capacity for each 80 lb (36.3 kg) bag of QUIKRETE® Floor Mud to be mixed at one time

- For each 80 lb (36.3 kg) bag of QUIKRETE® Floor Mud to be mixed, add approximately 4 quarts (3.8 L) of fresh water to the mixer
- Turn on the mixer and begin adding bags of Floor Mud to the mixer
- If the material becomes too difficult to mix, add additional water until a workable mix is obtained

Note – Do not exceed a total volume of 5 ½ quarts (5.2 L) for each 80 lb (36.3 kg) bag.

HAND MIXING

- Empty Floor Mud bag(s) into a suitable mixing container
- For each 80 lb (36.3 kg) bag of mix, add approximately 4 quarts (3.8 L) of clean water. Work the mix with a shovel, rake or hoe
- Add additional water as needed to obtain a workable plastic-like consistency

Note – Do not exceed a total volume of 5 ½ quarts (5.2 L) for each 80 lb (36.3 kg) bag. Do not leave standing puddles.

APPLICATION

Refer to ANSI A108.1A, A108.1B & A108.1C regarding application for the installation of ceramic tiles. ANSI requires lath for applications over wood. Allow initial set to occur so the spreading of QUIKRETE® Thin Set material over Floor Mud does not peel the Floor Mud while troweling. When installing Floor Mud in a shower receptor, steam room, or wet areas requiring waterproof membranes, Floor Mud must

be tamped and sloped towards the drain at ¼" per foot, and have a waterproof membrane and flanged drain installed prior to floor mud installation. Refer to TCA Handbook for shower pan applications.

CURING

Curing is an important step in the application of Floor Mud. Proper curing increases the strength and durability and poor curing can ruin an otherwise well-done project. Proper water content and temperature are essential for good curing. In near freezing temperatures, the hydration process slows considerably. When conditions are too hot, dry or windy, water is lost by evaporation from the repair and hydration stops, resulting in finishing difficulties and cracks. The ideal circumstances for curing are ample moisture and moderate temperature and wind conditions. Curing should start as soon as possible and should continue for a period of 5 days in warm weather at minimum 70°F (21°C) or higher, or for 7 days in colder weather at 50 - 70°F (10 - 21°C).

Protect Floor Mud from freezing during the first 48 hours.

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

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