



FLOOR MUD

Portland Cement Mortar Bed (1¹/₄" - 2")

Product Information

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FLOOR Mud is a blend of Portland cement and graded silica aggregates developed to produce a dense substrate on which to apply ceramic tile or stone. **FLOOR Mud** is premixed. Simply add water or La-O-Tex liquid mortar additive and mix to a smooth, easy to apply 1.25" – 2" thick mortar bed.

BASIC USE

FLOOR Mud is used as an "older-style" setting bed for ceramic, porcelain, mosaic, quarry, paver

tile and stone over substrates such as concrete, wood sub-floors and counter tops. Tile can be set in **FLOOR Mud** "older style method" while still plastic using a neat Portland cement bond coat following the ANSI A108.1A procedure. If one of the combination methods (ANSI A108.1B or C) is specified or permitted, use **FLOOR Mud** to establish a flat mortar bed or, when required, to create the desired slope; allow to cure. Then use one of TexRite's dry-set mortars to bond the tile.

AREA OF USE

FLOOR Mud can be bonded to concrete slabs or used over cleavage or waterproof membranes and reinforced with wire mesh or metal lath. **FLOOR Mud** is structurally strong and not affected by prolonged contact with water. It is used in areas with depressed slabs or can be used to plumb and square surfaces installed by others. This product used in conjunction with a cleavage membrane can eliminate the damaging effects of hydrostatic pressure for on grade slabs or stop "in plane" substrate crack migration through the tile installation.

LIMITATIONS

FLOOR Mud must not be applied over unsound structures. Some above grade wooden structures or metal studs may require additional structural support prior to placement due to the weight of this product. Consult an architect or structural engineer for these cases. This product is not effected by prolonged water contact but it does not form a water-proof barrier.

APPLICABLE STANDARDS

American National Standard Specification for the installation of ceramic tile—ANSI A108.1, A108.4, A108.5, and A108.6.

PACKAGING

- COLOR: Grey.
- TEXTURE: Medium sanded powder consisting of Portland cement and silica sand.
- PACKAGING: 50 lbs. Multi-wall bags.

INSTALLATION

Preparatory Work

All surfaces are to be free of frost and in an temperature range of 40° - 90°F.

Cementitious Substrates

If establishing a "bonded mud bed", surfaces must be structurally sound and free from movement. Surfaces must be free of all grease, oil, dust, dirt, curing compounds, sealers, coatings, efflorescence, cutback adhesive residue, gypsum based underlayment and other foreign matter.

Showers

A minimum of 1¹/₄ inch thick **FLOOR Mud** is required for shower receptors. Showers require a suitable waterproof membrane and reinforcement. Consult local building codes, ordinances and trade practices.

Mixing

Dry **FLOOR Mud** shall be added to clean, potable water or La-O-Tex liquid mortar admixture in the temperature range of 50° F to 80° F, at a rate of approximately 1/2 gallon per 50-pound bag. Mix thoroughly until a consistent stiff damp mix is achieved. Adjust mixture to produce a semi-dry consistency. Discard mortar when initial set is reached. Do not add any other materials to **FLOOR Mud**. Tile, stone and marble can be thin-set over firm mortar bed.

Wood Floors and Counter Tops

Place a cleavage membrane in compliance with ANSI A108.02-3.8 such as 15-lb. roofing felt, or 4 mil. polyethylene film over the wood substrate. Place **FLOOR Mud** and reinforcing over the membrane. Reinforcing shall comply with ANSI A108.02 - 3.6 or 3.7. Lap reinforcing at least one full mesh and support so that reinforcing shall be approximately in the middle of the **FLOOR Mud**. Reinforcing shall not butt against vertical surfaces. Tamp firmly and screed the **FLOOR Mud** level or with proper slope to drain if required. **FLOOR Mud** shall be 1¹/₄ inch thick nominal.

Application To Concrete

For "bonded mud beds", saturate clean, smooth concrete surface with water immediately prior to placing **FLOOR Mud**. The surface shall be free of standing water. Before placing the **FLOOR Mud**, spread a thin continuous layer of pure Portland cement paste on the surface or dust a thin layer of dry Portland cement on the concrete and wet it. Broom the pure Portland cement slurry or the wetted Portland cement dust to completely coat the surface with a thin uniform coating. Immediately apply **FLOOR Mud** over the pure cement coating. Firmly tamp and screed the **FLOOR Mud**. The thickness should be a minimum of 1¹/₄ inch.

For "unbonded mud beds", place a cleavage membrane in compliance with ANSI A108.02-3.8 such as 15-lb. roofing felt, or 4 mil. polyethylene film over the concrete. Place **FLOOR Mud** and reinforcing over the membrane. Reinforcing shall comply with ANSI A108.02 - 3.6 or 3.7. Lap reinforcing at least one full mesh and support so that reinforcing shall be approximately in the middle of

FLOOR MUD

NO-MOLD
GROWTH
FORMULA



- UPGRADE -
MODIFIER -

USE
1.25" - 2"
thickness

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Coverage

50 pound bag-approximately 5 square feet at 1¹/₄ inch thickness.

Cleaning

Water is all that is needed to remove uncured mortar.

Curing

A minimum cure is obtained in 12-24 hours depending on ambient temperatures. Do not allow mud bed or dry-set mortar to freeze for the first 72 hours. As with concrete, the strength increases significantly with age during the first 28 days. Allow 72 hours of air curing prior to grouting to minimize grout discoloration due to moisture migration.

Storage Life - One year if kept dry in sealed bags.

CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for Silica dust. Contains Portland cement. If any cement or cement mixtures get into the eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed cement, mortar, concrete, or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.

KEEP OUT OF THE REACH OF CHILDREN.

FLOOR MUD

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