

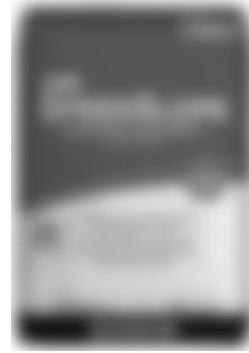
# CUSTOM FloorMud

## 1 Product Name

CUSTOM FloorMud

## 2 Manufacturer

Custom Building Products  
 Technical Services  
 10400 Pioneer Boulevard, Unit 3  
 Santa Fe Springs, CA 90670  
 Customer Support: 800-272-8786  
 Technical Services: 800-282-8786  
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[custombuildingproducts.com](http://custombuildingproducts.com)



## 3 Product Description

CUSTOM FloorMud is a pre-blended, cement-based mortar bed for thicknesses between 1/4" to 3". May be also used for walls and countertops, FloorMud sets to a walkable hardness within 12 – 24 hours for installation of most ceramic tile & natural stone tile flooring.

### Key Features

- 4:1 Preblended, mortar bed – just add water or fortify with Custom latex admix
- Exceptionally smooth finish
- Meets requirements of ANSI A108.1
- Can be used in wet and dry applications
- Suitable for shower receptors

### Suitable Substrates

- Interior or exterior concrete and masonry surfaces
- Exterior grade plywood with lath (dry applications only)
- RedGard SpeedCoat® Rapid Curing Waterproofing Membrane
- RedGard® Waterproofing and Crack Prevention Membrane
- WonderBoard® Lite, cement backerboard units
- Common Shower Pan liners
- For existing finishes and substrates with suitable preparation or priming. (Contact Technical Services for assistance)

### Limitations to the Product

- Floor Mud is an underlayment and not recommended as a permanent wear surface
- Some flooring finishes may require longer cure times to obtain lower moisture levels
- Do not apply directly over wood, metal\*, fiberglass, plastic and OSB panels\*, lightweight concrete, gypsum underlayment, particle board, hardwood or Parquet floors

\*Applications may require bond coat and primer

### Packaging

50 lb (22.68 kg) Bags

## 4 Technical Data

### Applicable Standards

American National Standards Institute (ANSI)

- ANSI A108.1 of the American National Standards for the Installation of Ceramic Tile

### ASTM International (ASTM)

- ASTM C579 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
- ASTM C627 Standard Test Method for Evaluating Ceramic Floor Tile Installation Systems Using the Robinson-Type Floor Tester

### Resilient Floor Covering Institute (RFCI)

- Recommended Work Practices for Removal of Resilient Floor Coverings

### Tile Council of North America (TCNA)

- TCNA Handbook for Ceramic Tile Installation, TCNA Method EJ171

### Technical Properties Chart

Test	Specification	Duration	5.75 Pints	7.75 Pints
Compressive Strength (psi)	ASTM C579 Method B	7 Days	>1000 psi	>1000 psi
		28 Days	>1700 psi	>1700 psi

### Environmental Consideration

Custom® Building Products is committed to environmental responsibility in both products produced and in manufacturing practices. Use of this product may contribute to LEED® certification.



# CUSTOM FloorMud

## 5 Instructions

### General Surface Prep

Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt, curing compounds, efflorescence, sealers, adhesives or any other contaminant that would prevent a good bond. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dirt or any contaminants. Concrete must be cured 28 days and accept water penetration. Concrete must not be subject to hydrostatic pressure. Newly applied concrete must be troweled smooth but not burnished (highly polished) so as not to absorb water and cured for 28 days. Most existing surfaces are to be scarified and flattened, and all defects must be repaired. Plywood flooring must be structurally sound and meet all ANSI and deflection requirements. Expansion joints should never be bridged with setting or mortar bed materials. Do not sand flooring materials containing asbestos. Ambient temperature, surfaces and materials should be maintained at a temperature above 50° F (10° C) or below 90° F (32° C) for 72 hours.

### Mortar Beds

Follow ANSI A108.1 A, B or C for the installation of ceramic tile with thick bed mortar. Note: Drying or curing time is affected by ambient and surface temperatures and humidity.

For use as a bonded mortar bed, mix to a semi-damp, dry pack consistency using 5.75 - 7.75 pints (2.72L - 3.67L) water or diluted 1:1 CUSTOM Thin-set and Mortar Admix to 50lb mortar. Apply a bond coat or slurry bond coat, consisting of polymer modified thinset and apply mortar bed while wet. Compact Floor Mud well to form the mortar bed and finish the surface to provide a stable base for the tile with a wood or magnesium float. For bonded areas thinner than ¾", diluted 1:1 Thin-Set and Mortar Admix is required. For non-bonded applications over cleavage membranes, assure wire reinforcing or lath is used per ANSI A108 methods. Non bonded mortar beds are to be at least 1-1/4" (38 cm) thick.

### SHOWER RECEPTORS INSTALLATION

#### [Surface Bonded Waterproofing – B421](#)

Download the illustrated installation details by clicking on the link above or go to CustomBuildingProducts.com/TSD, select "Tile" as the installation type and select the appropriate illustrated TCNA detail by number (example: B414).

### Bonding to Plywood Surfaces

Plywood floors, including those under resilient flooring, must be structurally sound and must meet all ANSI A108.01 Part 3.4 requirements. Follow TCNA F141 or F145 guidelines for the installation of the thick bed mortar over plywood sub floor.

### Movement Joint Placement

Expansion joints and cold joints, as described in ANSI A108.01, should never be bridged with setting material. They must be brought through the tile work and filled with an appropriate elastomeric sealant, such as CUSTOM's® 100% Silicone. Contact CUSTOM's® Technical Services for the proper treatment of control or saw cut joints. Refer to TCNA EJ171, F125 and F125A.

## Mixing Procedures

For a drypack combine 50lbs of Floor Mud powder with 5.75 - 7.75 pints (2.72L - 3.67L) of water or diluted 1:1 CUSTOM Thin-set and Mortar Admix to 50lb mortar in a clean mixing vessel. Mix material in a mud box, or with a suitable mixing blade and a drill in a bucket until all powder is thoroughly wet out and uniform. Material should be free of clumps and hold shape when squeezed together by hand.

## Curing of Product

- Tile installations\* – 12 – 24 hours
- Foot traffic – 12 - 24 Hours
- Heavy Traffic – 72 Hours

\*Moisture sensitive tiles or natural stone may require longer cure times.

## Cleaning of equipment

Clean with water before material dries.

## Health Precautions

**Use proper personal protection equipment including impervious gloves, such as nitrile, dust masks and safety glasses when mixing/handling product.**

This product contains Portland cement and free silica. Avoid eye contact and prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for several minutes and consult a physician. Do not breathe dust; wear a NIOSH approved respirator. Refer to Safety Data Sheet for complete safety information.

Conformance to Building Codes Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.

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## 6 Availability & Cost

Location	Item Code
USA	FM50T
Canada	FM50T

## 7 Product Warranty

Obtain the applicable **LIMITED PRODUCT WARRANTY** at [www.custombuildingproducts.com/product-warranty](http://www.custombuildingproducts.com/product-warranty) or send a written request to Custom Building Products, Inc., Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured under the authority of Custom Building Products, Inc. © 2017 Quikrete International, Inc.

## 8 Product Maintenance

Properly installed product requires no special maintenance.



# CUSTOM FloorMud

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## 9 Technical Services Information

For technical assistance, contact Custom technical services at 800-282-8786 or visit [custombuildingproducts.com](http://custombuildingproducts.com).

## 10 Filing System

Additional product information is available from the manufacturer upon request.

# CUSTOM FloorMud

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**Coverage**

Thickness	Coverage
1"	4.5 - 5.5 sq ft
2"	2.25 - 2.75 sq ft

