



# Q-SET DECK MUD

PROFESSIONAL-GRADE PORTLAND CEMENT  
MORTAR BED UNDERLAYMENT

- Easy to install by screed or trowel
- Excellent bond to concrete, wood and metal with minimal preparation
- Trowels to a smooth, uniform finish
- Cures in 24 hours
- Crack resistant and fire retardant
- Good thermal and acoustical insulating properties
- Excellent adhesion to most common substrates
- May be installed from 1/2" to 2".



## 1. Product Name

Q-Set Deck Mud

## 2. Manufacturer

Parex USA, Inc.

2150 Eastridge Ave, Riverside, CA 92507  
866-516-0061 • www.merkrete.com

## 3. Product Description

### Basic Use

Merkrete Q-Set Deck Mud provides a solid foundation substrate prior to the installation of tile and stone.

### Uses

Q-Set Deck Mud is a factory-premixed blend of specially grounded silica aggregate and Portland cement designed to provide a durable substrate for ceramic tile and stone installations. Q-Set Deck Mud may also be used as a setting bed directly for tile application using a neat Portland cement hard coat while the leveling mortar material is still plastic. For added strength, Latex Mortar Additive may be used as an admix per manufacturer recommendations.

### Suitable Substrates

- Cement mortar beds
- Ceramic tile and stone<sup>1</sup>
- Concrete
- Concrete masonry
- Exterior-grade plywood<sup>2</sup>

<sup>1</sup> Consult the cement backer board manufacturer for installation recommendations and to verify acceptability for exterior use

<sup>2</sup> Interior use only

## 4. Technical Data

Q-Set Deck Mud	
Weight	1.2 lb. sq. ft. at 1/8"
Indentation: (MIL-D-3135d)	< 3%
Shear to Concrete	> 550 psi
Compressive Strength 28 day	6,000 psi

### Packaging

50-lb (22.7 kg) bag ; 48 bags per pallet | Color: Gray

### Shelf Life

15 months when stores in original, unopened package.



## 5. Installation

### Surface Preparation

All surfaces must be between 40 °F (4 °C) to 95 °F (35 °C) and structurally sound (deflection not to exceed  $\frac{1}{360}$  of the span), dry, clean and free from oil, grease, wax, paint, old adhesives, sealers and curing compounds. Any contaminants inhibiting proper bond must be removed.

### Substrates

**Concrete Substrates:** Concrete substrate should be cured a minimum of 28 days. Smooth, steel-troweled floors should be roughed up using mechanical chipping, scraping or shot blasting. Dampen porous or dry concrete prior to installation.

**Mixing:** Dry Pack Floor Mud: In a clean container, add approximately 3.5 quarts (3.3 liters) of clean potable water. Then add the contents of the 50-lb (22.7-kg) Q-Set Deck Mud. Mix thoroughly by hand or with a slow speed mixer to a smooth, thick, trowelable consistency. Do not temper with additional water.

**Application:** For concrete floors, first broom a uniform, thin coat of Portland cement paste onto the floor. Immediately apply mixed Q-Set Deck Mud and screed the material into place. It may be installed from  $\frac{1}{2}$ " to 2". Q-Set Deck Mud can be applied over most clean, dry sub-surfaces. It has an initial set in two hours and final set in five hours. Consult job specifications and industry standards for final thickness application.

For wood floors and counters, first apply roofing felt or building paper followed by minimum 2.5-lb. metal lath overlapping both the paper and the lath. Lath should be fastened every 8 inches. Apply Q-Set Deck Mud same as for concrete floors, ensuring to press the mortar through lath with pressure to a final thickness of  $\frac{1}{2}$ " to 2".

### Cleaning

Water is all that is needed to remove any uncured mortar from tiles, tools and equipment.

### Coverage

50-lb. bag will cover 6.25 sq. ft at  $\frac{3}{4}$ " thickness.

## Limitations

Do not use Q-Set Deck Mud below 40° F (4° C) or above 95° F (35° C). Use caution; do not allow mortar to freeze for the first 72 hours. Hot weather caution: evaporation of moisture in Portland cement mortars is increased in hot, windy and dry conditions. Dampen surfaces and protect fresh mortar from rapid dehydration. Q-Set Deck Mud is not intended as a finish surface. When used above  $1\frac{1}{2}$ " thick, hairline cracks may occur. This will not affect the performance of the product. Q-Set Deck Mud must not be applied over asphalt sheeting, vinyl covered wall board, Masonite®, cement asbestos board, metal, glass, plastic, gypsum mortar beds or other unstable substrates. Improperly cured or wet plywood, particle board or strip wood are not suitable substrates.

## 6. Availability

Merkrete Q-Set Deck Mud is available at leading tile houses and construction distributors. Contact Merkrete or visit our website for the name of the nearest dealer at [www.merkrete.com](http://www.merkrete.com).

## 7. Warranty

5-year, 10-year and Limited Lifetime warranties are available. Contact Merkrete Technical Services or visit our website for specific warranty information. Merkrete Systems warrants that this product meets applicable ANSI standards in force at the time of manufacture.

## 8. Maintenance

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

## 9. Technical Services

Merkrete Systems maintains technical field representatives available throughout the country. Call Technical Services at 800-226-2424 for the nearest representative.

## 10. Literature

For the most up-to-date technical information (details, submittals, SDSs or data sheets), refer to our websites at [www.parexusa.com](http://www.parexusa.com) or [www.merkrete.com](http://www.merkrete.com).



Corporate Office  
2150 Eastridge Ave  
Riverside, CA 92507

[www.merkrete.com](http://www.merkrete.com)  
866-516-0061

Tech Support: 800-226-2424