

DECK MUD

PRODUCT NOS. 154-50, -76

PRODUCT DESCRIPTION

Deck Mud is a leveling mortar designed for interior or exterior underlayment, for all types of paver, tile, and marble installations on floors and counter tops.

PRODUCT USE

Deck Mud is a mixture of washed and graded sand meeting ASTM C 144, *Standard Specification for Aggregate for Masonry Mortar*, and Portland cement, Type I-II-V that conforms with ASTM C150, *Standard Specification for Portland Cement*. Deck Mud has been factory blended and designed specifically for use by the tile setting contractor. When the product is pre-blended, it allows the cement to thoroughly coat the sand particles thus producing a stronger mix than job-site mixing in a dry-pack application. This standard mix design is a 4:1 blend.

FEATURES & BENEFITS

- Low shrinkage
- Quality Controlled
- Increases labor efficiency
- Convenient and economical
- Requires only the addition of water
- Excellent for buildings with difficult access

SIZES

- #154-50: 50 lb (22.7 kg) bags
- #154-76: 75 lb (34 kg) bags

YIELD

- 50 lb (22.7 kg) bags – 0.41 cubic feet
- 75 lb (34 kg) bags – 0.62 cubic feet

For example, each 50 lb (22.7 kg) bag of Deck Mud will yield approximately 40 square feet (3.7 M²) at 1/8" (3 mm) thick.

TECHNICAL DATA

- ASTM International
ASTM C 144, *Standard Specification for Aggregate for Masonry Mortar*
ASTM C150, *Standard Specification for Portland Cement*
- Proportioned in accordance with the requirements of American National Standards Institute – (ANSI) A108.1A.2.2.1

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.

DIVISION 3

Blended Cement / Sand
Mix for Horizontal
Applications



ADMIXTURES

For applications of 1/2 to 1-1/2 inch (12 -38 mm) in thickness, replace half of the mixing water with QUIKRETE® Concrete Acrylic Fortifier #8610 and mix as described below. 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 proceeding. NOTE: Acrylic Fortifier and Concrete Bonding Adhesive must NOT be used in the same application

MIXING

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

Hand Mixing

- Empty Deck Mud bag(s) into a suitable mixing container
- Add initial water
- Work the mix with a shovel, rake or hoe

Machine Mixing

QUIKRETE® Deck 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 75 lb (34 kg) bag of QUIKRETE® Deck Mud to be mixed at one time.

- Add initial water to the mixer.
- Turn on the mixer and begin adding bags of Deck Mud to the mixer

Water Quantities

- For each 75 lb (34 kg) bag of QUIKRETE® Deck Mud to be mixed, add approximately 4 quarts (3.8 L) of fresh water to the mixer
- For each 50 lb (22.7 kg) bag of QUIKRETE® Deck Mud to be mixed, add approximately 2.7 quarts (2.5 L) of fresh water to the mixing vessel
- 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 1/2 quarts (5.2 L) for each 75 lb (34 kg) bag or 3.6 quarts (3.4 L) for each 50 lb (22.7 kg) bag. Do not leave standing puddles.

APPLICATION

Consult current ANSI A108.1 specifications. ANSI requires lath for applications over wood and other masonry surfaces. Allow initial set to occur so the spreading of QUIKRETE® Thin-Set material over Deck Mud does not peel the Deck Mud while troweling. Installations must conform to the specifications in the TCA Handbook. When installing mud beds requiring reinforcements, place wire mesh reinforcement in the center of the mortar bed; reinforcement shall not butt against vertical surfaces.

CURING

Curing is an important step in the application of Deck 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 Deck 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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