



DECK MUD PRO

TECHNICAL DATA SHEET



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PRODUCT DESCRIPTION

Deck Mud Pro is a premium bedding mortar that sets the standard for quality and performance. Deck Mud Pro is crafted using a premium mixture of washed and graded plaster sand that conforms to ASTM C144 standards, Type S Lime that meets ASTM C207 requirements, and Portland cement that adheres to ASTM C150 specifications making it perfect for your flooring, countertop, and shower installations. Unlike traditional job-site mixes, Deck Mud Pro's controlled mix ratio and the exceptional quality of its components make it the superior choice for your tile installations. Deck Mud Pro has earned the trust of industry professionals who demand the best. Our product's proven track record of reliable performance and consistent quality has made it the go-to choice for discerning contractors and tile installers.

Available in 75 Lb. bags

INDUSTRY STANDARDS AND APPROVALS

VOC: SCS Indoor Advantage Gold

WHERE TO USE

- Residential and commercial installations.
- As a base mortar on floors, counters, desks, and bars.
- On floors for sprinkler applications.
- Leveling material on metal plate for tile installations.

SUITABLE SUBSTRATES

- Concrete (Cured for at least 28 days).
- Properly prepared wood floors with metal lath.
- Block & backer board.
- CementPro waterproofing and crack-isolation membranes.

Always do a test with the bedding mortar to verify the suitability of the bond to the substrate.

Reference NTCA Reference Manual for installation recommendations, including those concerning substrates not listed.

LIMITATIONS

- Install only at temperatures between 50° F and 95° F.
- Not recommended for wall and ceiling applications.
- Do not use over gypsum underlayment, hardwood, OSB, particle board or parquet flooring.
- Do not overwater.
- DO NOT add or mix any materials with Deck Mud Pro.

SURFACE PREPARATION

- All surfaces should be frost free and between 50° F and 95° F, structurally sound, clean, hard, and free from dirt, dust, wax, sealers, curing compounds, grease, paint efflorescence, or any other bond-breaking contaminants.
- Concrete slabs must be fully cured (28 days), structurally sound, and dimensionally stable.
- Repair cracks with a patching compound such as [Patch Pro](#).
- Smooth surfaces must be mechanically scarified.
- **Substrate prep should comply with ANSI A108.01 "General Requirements: Subsurfaces and Preparations by Other Trades."**
- **Consult TCNA method EJ-171 for expansion joint placement.**

MIXING

- 1 Use only enough water to allow maximum compaction. The appropriate consistency of the mixture is achieved when compacted enough to form a ball, so there is no excess water that can be separated from the mixture.
- 2 Gradually add the bag's contents to the liquid while slowly mixing.
- 3 Using an electric drill with an angled cross (blade mixer), mix on low speed for 2 to 3 minutes until the material becomes compacted enough to form a ball.
- 4 The addition of too much water, or adding water after the initial drying of the material can reduce resistance and cause shrinkage and cracking.
- 5 Occasional mixing of the mortar during use is recommended. However, DO NOT add fresh materials or re-temper. Adding water (re-tempering) can reduce the materials' performance and bond strength.

- >> **Cold Weather Note:** The setting of cementitious mortars and grouts slows concurrently as the temperature drops from 50°F to 35°F. At 35°F it almost ceases. When these conditions occur, additional time must be allowed for the cement bonding materials to sufficiently harden before traffic is allowed. Do not allow mortar or grout to freeze, and do not apply when the substrate is frozen.
- >> **Hot Weather Note:** Hot weather, or any combination of high air temperature, low relative humidity and wind velocity, increases the tendency for dry shrinkage cracking of mortars and grouts, poor physical strength of the cured setting materials from the higher levels of water used during mixing, improper curing and decreases the durability of the installation. Substrates exposed to direct sunlight will have increased temperatures resulting in a rapid loss of workability increasing a mortar's tendency to skin over and dehydrate prematurely and fail to achieve its design strength.

Be aware that it is the temperature of the tile products, bonding materials and substrate that counts, not just the air temperature.

APPLICATION

(Refer to current ANSI A 108.01 and ANSI A 108.1A specifications and TCNA handbook guidelines. ANSI requires lath for applications over wood and other masonry surfaces)

- When installing mud beds that require reinforcements, place wire mesh reinforcement in the center of the mortar bed.
- When the application is directly over concrete, it is recommended to broom or scrub a slurry bond coat into the concrete substrate.
- You may also use a bonding agent such as [CP-25 Admixture](#) or [CP-50 Admixture Concentrate](#), apply one coat, and let dry for 20 minutes before the application of Deck Mud.
- Set the screed guides using float strips to the necessary floor tolerances.
- Immediately apply more Deck Mud until the desired thickness has been achieved, compacting and closing up the surface.
- Finish the surface, do not over water.

CURING

- The initial set and full cure length depend on climate conditions, usually 24 to 48 hours.
- Allow proper curing time before the application of adhesives, such as CementPro adhesives.
- Always test the optimal condition of the adhesive to verify proper adhesion on the Deck Mud.
- DO NOT accelerate the curing of this material with mechanical fans or heating devices.

TECHNICAL INFORMATION	
Pot Life	1.3 hours
Shelf Life	1 Year
Storage	Dry and closed / No humidity
Initial Set Time	2 hours
Final Set Time	8 hours
Application Temperature Range	50°F - 100°F
VOCs (SCAQMD Rule #1168)	0g per L

COVERAGE PER BAG	
APPLIED THICKNESS	COVERAGE
1" (2.5 cm)	9 ft ² (0.84 m ²)

ASTM TESTING	
Compressive Strength @ 7 days	3,000 psi (ASTM C109)
Compressive Strength @ 28 days	4,000 psi (ASTM C109)

ENVIRONMENTAL INFORMATION

CementPro is committed to environmental responsibility in products produced and manufacturing practices. For information on CementPro's commitment to sustainability and transparency and how CementPro products may contribute to green building standards and certification systems, contact sustainability@cementpro.com or visit www.cementpro.com/sustainability.

// KEEP OUT OF REACH OF CHILDREN //

PRECAUTIONARY STATEMENTS

This material contains Portland cement and silica sand.

- Contact with dry or freshly mixed mortar, grout, or concrete may cause skin irritation.
- Avoid direct contact and wash exposed skin areas promptly with water.
- If any cementing material gets into the eyes, rinse immediately and repeatedly with water, and seek prompt medical attention.

For detailed information on how to use and handle this product safely, see the [Material Safety Data Sheet](#).

California Prop 65 Warning for Quartz Silica Sand

This product contains crystalline silica, a substance known to the State of California to cause cancer. Inhalation of crystalline silica dust can increase the risk of lung cancer, especially for those exposed for extended periods. To minimize exposure during use, always follow safe handling practices like dust suppression techniques during cutting, grinding, or other dust-generating activities. Wear appropriate personal protective equipment, including a respirator with a high-efficiency particulate air (HEPA) filter, and wash hands thoroughly after handling. For more detailed safety information and instructions, please refer to the product's Material Safety Data Sheet (MSDS) available at https://cementpro.com/wp-content/uploads/2022/07/MSDS_DeckMud_2022.pdf or the California Office of Environmental Health Hazard Assessment (OEHHA) website: <https://www.oehha.ca.gov/>

LEGAL NOTICE

This Product Data Sheet has been prepared in good faith based on information available at the time of publication. It is intended to provide users with information and guidelines for properly using and applying the covered CementPro brand product(s) under normal environmental and working conditions. Because each project is different, CementPro cannot be responsible for the consequences of variations in such conditions or unforeseen conditions.

WARRANTY

Every Deck Mud Pro purchase enjoys a standard 1-year limited warranty, safeguarding its quality and performance. Unlock the full potential of your project with our extended 25-Year System Warranty! Use Deck Mud Pro as part of a complete CEMENTPRO installation system and qualify for this extended coverage. Head to <https://cementpro.com/warranty/> for complete details on the standard warranty and the 25-Year System Warranty specifics. At CementPro, we stand behind our products and your satisfaction.



FOR WARRANTY QUESTIONS

Write to: 3929 E Guasti Rd, Unit C Ontario, CA 91761

Call: (951) 300-0300 Ext. 600

Email: Warranty@cementpro.com