

# Pro-Line Deck Mud

Portland Cement Mortar Bed 1¼"-2"

**Packaging:** Available in 75 lb. bags -Gray

- \* Traditional Floor Mud
- \* Use Interior or Exterior
- \* No V.O.C.
- \* Contributes to LEED®

◆**Usage:** Deck Mud is designed for both interior and exterior use for direct bond to concrete slabs; or to be used with cleavage or waterproof membranes and reinforced with coated wire mesh or galvanized, treated metal lath. Deck Mud is not affected by prolonged contact with water. Use in areas with depressed slabs or use to plumb and square surfaces installed by other trades. Deck Mud used in conjunction with a membrane can eliminate the damaging effects of hydrostatic pressure on grade slabs. Creates a dense substrate on which to apply ceramic tile or stone. **ANSI A108.1A**

◆**Suitable Substrates:** Masonry, concrete, wood floors, countertops: or used over cleavage or waterproof membranes and reinforced with wire mesh or metal lath. Used for both interior and exterior applications.

◆**Preparatory Work:** All substrates must be clean, dry, and structurally sound and not subject to extreme temperatures (below 40°F or above 100°F) during installation. Detailed instructions may be found in the T.C.N.A. Handbook and ANSI A108.1, A108.4, A108.5, A108.6. Surface must be free of all grease, oil, dirt, dust, curing compounds, sealers, coatings, efflorescence, old adhesive residues, gypsum based underlayment and any other foreign matter. Painted or glossy surfaces must be sanded, stripped, and free of all contaminants.

◆**Application:** Cementitious substrates surfaces must be clean of any foreign materials before covering. Saturate clean, smooth concrete surface with water immediately prior to placing Deck Mud. The surface shall be free of standing water. Before placing the Deck 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 Deck Mud over the pure cement coating. Firmly tamp and screed the Deck Mud. The thickness should be a minimum of 1 1/4 inch.

◆**Showers:** A minimum of 1 1/4 inch thick Deck Mud is required for shower receptors. Showers require a suitable waterproof membrane and reinforcement. Consult local building codes, ordinances and trade practices.

◆**Plywood Substrates:** For wood floors and counter tops, place a cleavage membrane such as 15 lb. roofing felt, or 4 mil Polyethylene film. Reinforce with metal lath. Place reinforcing and Deck Mud over the membrane, lap reinforcing at least one full mesh and support so that reinforcing shall be approximately in the middle of the Deck Mud. Reinforcing shall not butt against vertical surfaces. Tamp firmly and screed the Deck Mud level with proper slope to drain. Deck Mud shall be 1 1/4 inch thick nominal.

◆**Mix:** Deck Mud should be mixed in a clean mortar box using clean, cool, potable water or Pro-Line ProCrylic at the appropriate rate of 1 1/2-1 3/4 gallons of water per 75 lb. bag. Smaller amounts may be mixed in a 5 gallon pail using an electric drill at a low RPM (300 or less). Use of Acrylic admixture increases bond strength and hardness and is recommended for demanding applications including exterior applications.

\*Note: Shrinkage can happen causing cracks in tile or stone if installed on mortar bed in less than 72 hours.

◆**Expansion Joints:** Expansion joints shall be installed in accordance with local building codes. See EJ171 in T.C.N.A. handbook for details. Expansion joints, control joints and cold joints should never be bridged with setting material.

◆**Curing:** Under normal job conditions 24 hours at 70°F (21°C), but longer mortar bed cures up to 10 days are desirable.

◆**Cleaning:** Clean off any uncured mortar with clean water only.

◆**Limitations:** Deck Mud must not be applied over unsound structures. Some above grade, metal studs, and wooden structures 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 affected by prolonged water contact but it does not form a water-proof barrier.



Data Sheets are subject to change without notice. For latest revision, check our website at [www.bondedmaterials.com](http://www.bondedmaterials.com).  
If an installation or materials should be changed outside the detailed instructions, please contact our technical support dept. for assistance.

◆ Bonded Materials Company ◆  
4330 N. 43<sup>rd</sup> Ave. Suite B-4 Phoenix, Az.85031

Ph. 623-873-0001 Toll Free 877-726-6333 [www.bondedmaterials.com](http://www.bondedmaterials.com)



rev. Sep-12

# Pro Line Deck Mud

Portland Cement Mortar Bed 1¼"-2"

**Packaging:** Available in 75 lb. bags Gray

\* Traditional Floor Mud \* Use Interior or Exterior \* No V.O.C. \* Contributes to LEED®

◆**Protection:** Protect from freezing for 5-7 days

◆**Coverage:** Approximately 7.5 square feet per 75 lb. bag at 1-1/4" thickness.

◆**Storage:** One year if kept dry in sealed bags.

◆**Safety:** 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 areas promptly with water. KEEP OUT OF REACH OF CHILDREN.

◆**Warranty:** Bonded Materials Company ("Bonded Materials") warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Bonded Materials sole liability under this warranty shall be limited to the replacement of the product. The statements, recommendations, and technical information provided are furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate. Bonded Materials makes no warranty for a particular purpose with respect to product sold herein, except quality of components shall be in accordance with Bonded Materials standards. It is expressly understood and agreed that the buyer's sole and exclusive remedy shall be replacement of defective products. Handling and actual use of product are beyond the control of Bonded Materials, therefore, no warranty is made, expressed or implied, as to the results obtained from use of the product or against any claims for infringement of patents resulting from the use of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Bonded Materials printed instructions. Bonded Materials makes no other warranties either expressed or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.



*Data Sheets are subject to change without notice. For latest revision, check our website at [www.bondedmaterials.com](http://www.bondedmaterials.com).  
If an installation or materials should be changed outside the detailed instructions, please contact our technical support dept. for assistance.*

◆ Bonded Materials Company ◆  
4330 N. 43<sup>rd</sup> Ave. Suite B-4 Phoenix, Az.85031  
Ph. 623-873-0001 Toll Free 877-726-6333 [www.bondedmaterials.com](http://www.bondedmaterials.com)



rev. Sep-12