Base Mortar

OBP Deck Mud/Dry Pack 4:1



Technical Data

Satisfies the following:

- **ANSI A108, Properties**
- **ASTM C109 Standard**
  Test Method for Compressive Strength of Hydraulic Cement Mortars

Description

OBP Deck Mud is a dry, factory-blended mortar of cement and sand designed to produce 4,000 psi high strength, thick, leveling mortar beds.

Uses

Deck Mud is used on floors, countertops, driveways, patios, shower pans and anywhere a thick bed leveling mortar is specified. Also, used as a thick bed mortar underlayment for concrete pavers, tile, stone and marble. Deck Mud may be used as a setting bed mortar for exposed stone landscapes and similar applications. Deck Mud should not be used as a bonding mortar.

Packaging

- 75 lb paper bags (42/pallet)
- 3000 lb bulk bags, with silos available.
- Store off ground in covered, cool, clean & dry location.
- Shelf life: 1 year from manufacture date.

Approximate Coverage

- 0.62 Cu. Ft. Yield per 75 lb bag

Safety

Always review Safety Data Sheet (SDS) prior to using this product. Available at ORCO.COM, or contact support.

Support

For questions, technical support, order inquiries, and product information, call (951) 685-8498 or email INFO@ORCO.COM.

Substrates

Exterior leveling bed installations must be rigid, structurally sound and conform to proper engineering practices. Interior applications require substrate deflection under all live, dead and impact loads, including concentrated loads not exceed L/600. Installations shall be in accordance with applicable building codes. Movement joints shall be brought through mortar and veneer to the surface. All surfaces must be sound, clean, and free from any dirt, oil, paint, bond breakers, efflorescence or any contaminants which may hinder bond.

Mixing & Installation

- Deck Mud is designed to be placed in a dry pack consistency.
- Add to potable water until mortar mixture forms a ball when compacted in hand - approximately 1 gallon per bag.
- Adjust mix water to achieve desired consistency.
- Bed thickness: 2” minimum - 4” maximum. Wire mesh must be used for any installation over 2”).
- **Bonded Installation –**
- Apply slurry coat of VBM Bonder to the substrate just prior to placing Deck Mud (100% Coverage). While VBM Bonder is still wet, place Deck Mud onto the slurry coat to the desired thickness, compact well and level.
- **Unbonded Installation –**
- Install cleavage membrane on the substrate as required. Apply approximately 1/2 of the mortar depth of Deck Mud over the cleavage membrane. Place approved 16 gage galvanized welded wire mesh (2” x 2”) (50mm x 50mm) into the mortar. Lap joint should be at least one full mesh. Apply the remaining Deck Mud, covering the wire mesh, level and compact well. Wire mesh must be in the middle of the mortar bed.
- **Paver/Tile Placement –**
- Wet to Wet application: If paver/tile is to be placed immediately, apply a slurry bond coat of VBM Bonder (100% coverage) to the paver/tile and place onto the damp Deck Mud. Beat into place. Periodically check installation to assure good contact and bond.
- Dry leveling bed application: If Deck Mud leveling bed is allowed to dry prior to installation of paver/tile, use the appropriate bonding mortar for the application.

Limitations

- Use over well cured concrete; 28 days recommended.
- Protect work in high heat, wind or cold.
- Due to the many variables of substrate conditions and pavers, it is the responsibility of the user to assure the products and installation produces are suitable for the application.
- Allow a minimum of 24 hours cure for foot traffic and 72 hours for vehicle traffic.
- Joint Grout/Pointing Mortars such as MAC Mortars (course sand) or VP Joint Grout (fine aggregate) are recommended. Allow bonding mortars to fully set (minimum 24 hrs) prior to grouting/pointing to assure bond is not disturbed.
- Color may vary - always test a jobsite mockup when possible.

Warranty & Claims

ORCO manufactured articles are warranted for 1 year, conforming to standards and specifications ORCO certifies and publishes at the time of shipment. **ORCO MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED (INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES), OTHER THAN THE FOREGOING EXPRESS WARRANTY.** Products manufactured by others and sold by ORCO are solely warranted by the originating manufacturer. Use or installation of ORCO sourced product by the CUSTOMER shall be an admission by the CUSTOMER and conclusive proof that such articles are in every respect as warranted and shall release ORCO from any and all claims for damage or loss sustained by CUSTOMER. For product not yet installed, CUSTOMER must submit a written breach of WARRANTY notice within 7 calendar days of delivery. Upon ORCO's request, CUSTOMER is responsible for all costs incurred in returning product to the originating ORCO facility for evaluation. If ORCO's investigation supports the claim, the parties agree that CUSTOMER'S sole and exclusive remedies shall be replacement of the defective article or refund of the price of the defective article at ORCO's election. IN NO EVENT SHALL ORCO BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Variations in color or shades of color, texture and site of aggregate are inherent in these products. Exact matches are never guaranteed. No claims will be allowed for these variations. Since natural gray products reflect the natural color of the raw materials used (no color is added during manufacturing), ORCO will reject any claim regarding gray color variation. Efflorescence (white powdery deposit) is a naturally occurring phenomenon and is not considered a defect. Samples of ORCO products are submitted as representative of type, color, shade, and texture. The products subsequently furnished may vary from such samples. ORCO will not be liable for and will not recognize any claims made after the start of installation on products said to be incorrectly sized or shaded, inconsistent texture, not matching prior shipments, or otherwise held to be unsatisfactory. Any charges incidental to inspection or tests made by or on behalf of the CUSTOMER to determine compliance with specifications shall be paid by the CUSTOMER. Natural elements - like sun, wind, and moisture - plus site specific conditions / applications may cause products to fade, which is never warrantable. All product weights and coverage / usage charts and listings are estimated. All product formulations and published product counts per pallet are subject to change without notice. ORCO does not obligate itself to furnish signed receipts for material delivered.

Caution

This product should only be used outdoors. Protective face and eye protection, impervious gloves, long pants and long sleeve shirts are recommended. Use NIOSH approved mask for silica dust. Prolonged exposure to dust may cause delayed lung disease. Freshly mixed materials may cause skin irritation. Avoid direct contact where possible and wash exposed skin areas promptly. If any materials get into the eyes, rinse immediately and repeatedly with clean potable water and get prompt medical attention. See SDS sheet.

⚠ Warning

This product can expose you to Silica, crystalline (airborne particles of respirable size) which is known to the State of California to cause cancer. For more information go to **www.p65Warnings.ca.gov.**

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