



BUDDY RHODES CONCRETE PRODUCTS
CONCRETE COUNTER MIX
PRODUCT DATA SHEET

Buddy Rhodes Concrete Counter Mix is uniquely designed so that both the Hard Trowel Surface and the Pressed Surface can be achieved using the same mix.

- **Hard Trowel:** The cast-in-place standard. Great for pre-cast too. Mold is right-side-up. Surface can be ground heavily, lightly or not at all to reveal varying amounts of aggregate. Pea gravel recommended. Vibration ok.
- **Pressed:** Must be done pre-cast. Mold is upside-down. Creates Buddy's signature veined look. Some polishing required. No pea gravel. No vibration.

Directions for Mixing the Concrete

Please note: Water requirements may vary by as much as 3 quarts per bag due to geographical region, current weather and desired finish. The BRCM texture is drier than regular concrete. The ideal consistency of the mix should be moist and clay-like. The Pressed Finish will require a slightly drier mix, much like dough.

A test casting is recommended to get acquainted with the touch and feel of Buddy Rhodes Concrete Counter Mix.

Hard Trowel Tip: Add 20 lbs 3/8" pea gravel and/or 1 oz fibers for each bag of mix.

Hand Mixing

Start with less water and add more little by little. Go for the feel of **cream of wheat (slightly wetter) for Hard Trowel (right-side-up) and cookie dough (slightly drier) for Pressed (upside-down).**

- 1) To reduce dust, add 4 quarts of water to mixing container first.
- 2) Empty contents of bag into mix water.
- 3) Work the mix with a power mixer, shovel or hoe and add water as needed until desired consistency is reached. Mix well.

Machine Mixing

- 1) BRCM can be mixed in a barrel type concrete mixer or a mortar mixer. Allow at least one (1) cubic foot of mixer capacity for each 70 lb bag of counter mix.
- 2) Water ratios are the same as for hand mixing.

For Colored Concrete

Because Buddy Rhodes Counter Mix is bone white, it takes color very well. One jar of BR Liquid Color is formatted for two bags (140 lbs and approximately 9 sq ft at 1½" thickness) of BR Concrete Counter Mix. Mix 1 jar of BR Liquid Color into 8 quarts of water in a measuring bucket before mixing concrete. Get all of the color out of the jar. To reduce dust, pour colored liquid into the mixing bucket first, and then add two bags dry mix. Combine with mixer. Add additional water carefully until desired consistency is achieved. Mix well. On larger jobs, consolidate color from multiple jars and re-measure to ensure uniform pigmentation.



BUDDY RHODES CONCRETE PRODUCTS
CONCRETE COUNTER MIX
PRODUCT DATA SHEET

Forming

Cabinet Preparation for Cast-in-Place: Use concrete backer board for cabinet sub-top or plywood with a moisture barrier. Protect the cabinet facing and floor from concrete spills with a drop cloth.

Edge Forms: Use a chop saw to miter inside and outside corners. Clamp, screw or build a temporary wood support and attach the edge forms to the cabinets. Place the edge forms below the substrate surface to hide the exposed edge. Caulk the joints.

Reinforcement: Use ladder wire or welded wire toward the bottom of the slab. Expanded wire mesh can also be used. In general, rebar is too thick for counters, and tying the reinforcement to the sub-top is not recommended.

Curing

Cast-in-place: Mist the surface with water. Keep moist for a couple of days and slowly bring to a dry state. Sunlight and heat can cause curling. Be sure to cover all windows above the countertop.

Pre-cast: After 24 hours, lift the slabs on 2x4 blocks to allow the bottom of the countertop to air cure evenly with the top surface. Keep moist for a couple of days and slowly bring to a dry state.

Polishing and Grinding

Allow at least 2 days after casting before polishing the concrete. Use water when polishing with diamond pads. Start with a #200 grit, then #400, and work your way up to #3000 grit. For an exposed aggregate finish, begin with #50 grit to cut the surface and work your way up to get the final result. Fill any voids with Buddy Rhodes Color Paste and polish again after 24 hours.

Sealing

Seal using one coat of Buddy Rhodes Penetrating Sealer and two to four very light coats of BR Satin Sealer. Buff between coats with synthetic steel wool pad. Follow with BR Food Grade Concrete Beeswax. Apply beeswax regularly for maintenance.

Specifications

A 70 lb bag yields approximately 1/2 of a cubic foot or 4½ square feet of counter at 1½" thick.

Approximately 6,000 psi after 56 days without pea gravel.

Approximately 9,000 psi after 56 days with pea gravel.



**BUDDY RHODES CONCRETE PRODUCTS
CONCRETE COUNTER MIX
PRODUCT DATA SHEET**

WARNING

| | |
|---|--|
| <p>Proposition 65 – State of California This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. This product contains crystalline silica, which is a dust. Respiratory or health problems may result if inhaled, or cancer may result from continued inhalation. Please wear respiratory, eye and body protection when using this Product.</p> | <p>Prolonged contact with freshly mixed cement may cause skin burns. Wear rubber gloves to avoid contact with skin. Wash with water to remove any cement on skin and use a moisturizer after clean up. If any cement gets into the eye, rinse immediately and repeatedly with water and get prompt medical attention.</p> <p>KEEP OUT OF REACH OF CHILDREN.</p> |
|---|--|

LIMITED WARRANTY

| | |
|--|---|
| <p>This product is suitable for only the purpose intended when used in Accordance with the instructions. No guarantee of results is made where conditions are beyond our control. No representations either expressed or implied are made with respect to the product except as herein stated. Liability is limited to the replacement of this product or reimbursement of purchase price only if material is found to be defective.</p> | <p>This Limited Warranty is issued and accepted in lieu of all other express warranties and expressly includes liability for consequential damages.</p> |
|--|---|