



DATA SHEET NO. 3300-905

COUNTERTOP MIX

DESCRIPTION

COUNTERTOP MIX is a specially formulated blend of aggregates, cement, water reducers, and fibers. COUNTERTOP MIX is formulated specifically to have low shrinkage and curling. COUNTER TOP MIX is easy to mix onsite for either cast-in-place or precast counters. COUNTERTOP MIX ensures consistent, quality countertops.

USES

COUNTERTOP MIX is used for creating custom kitchen, bar, and bathroom countertops. COUNTERTOP MIX is also used in the manufacture of concrete vessels, bowls, and tables.

FEATURES/BENEFITS

- Provides consistent quality results.
- High compressive strength of 61.1 MPa (8870 psi).
- Low shrinkage.
- "Unique aggregates" for ground finish.

PACKAGING

25 Kg Bags

COVERAGE

Each 25 kg bag yields 0.011 m³ (.42 ft.³).

SHELF LIFE

Two years from date of manufacture when stored indoors on pallets in a dry, cool area. Do not store product outside.

APPLICATION

Surface Preparation ... Depending on application, surface prep and placement of rebar or wire mesh may be required.

Mixing ... Requires a heavy duty 300 rpm hand mixer or mortar mixer for appropriate blending. Place $\frac{3}{4}$ of total water requirement in the mortar mixer or mixing vessel. (Water requirement is four litres of clean water for each bag of COUNTERTOP MIX.) Slowly add all COUNTERTOP MIX to the water while mixing. Adjust to a workable porridge-like consistency with remaining $\frac{1}{4}$ of total water requirement. Mix for three minutes with a drill mixer or 10 minutes with a mortar mixer. Do not remix.

Transfer to countertop mold, vibrate into place, and allow to cure slowly at normal room temperature for at least three days before un-molding.

Application Method ... Apply at a minimum 38.1 mm (1½") thickness. Concrete vibrator and finishing tools are recommended.

Curing ... For cast-in-place countertops, spray the surface with water. Keep the surface moist for a couple of days and slowly bring it to a dry state. Be sure to cover all windows above the countertop and avoid exposing the countertop to direct sunlight. This may cause the countertop to cure unevenly.

For precast countertops, lift the slabs on 50.8 mm x 101.6 mm (2" x 4") blocks to allow the bottom of the countertop to air cure evenly with the top surface. Keep the surface moist for a couple of days and slowly bring it to a dry state.

Polishing and Grinding ... Allow at least two days after casting before polishing the concrete. Use water when polishing with diamond pads.

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PRECAUTIONS

Do not ingest. Personal protection equipment recommended: eye, hand, and respiratory. **DO NOT OVER WATER.** The least amount of water used in a concrete mix produces the least amount of shrinkage (less cracks) and a more durable/stronger concrete. Use as directed.

MASTERFORMAT NUMBER AND TITLE

12 36 13 – Concrete Countertops

LEED INFORMATION

May help contribute to LEED credits:

- MRc9: Construction and Demolition Waste Management

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