



DUAL COMPONENT
CEMENTITIOUS COMPOSITE



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Technical Data

COVERAGE

50 lb. bag- **Xtreme Countertop** = approx. 9.7 sq. ft. @ 1/2"

TECHNICAL DATA

Compressive Strength (C170)
10,567 PSI

Flexural Strength (C880)
1,464 PSI

Abrasion Resistance (C1353-96) 20.92

Bond Strength (C482)
83 PSI

Material Density
137 lbs./cubic feet

Water Permeability (Not ASTM) 3 days/no leak

CURING

Although curing is accomplished through chemical reaction, weather conditions impart a measure of variability that must be considered. Hot, dry, and/or windy weather speeds up the reaction. Conversely, cold, damp weather will slow down the reaction. These variables may dramatically affect the progress of the countertop cure. Common sense should dictate appropriate adjustments in timing the project. Customarily countertops are cast in a controlled environment.

DESCRIPTION

Xtreme Countertop is a dual component countertop bag mix that greatly reduces the materials and labor required to construct a traditional concrete countertop. With the wide range of color selection and aggregate loading, design considerations are nearly limitless. **Xtreme Countertop** provides a resolutely durable surface for a pleasing countertop for any installation.

USES

Typical areas include residential, commercial, or industrial countertops. **Xtreme Countertop's** versatility allows for the fabrication of precast, cast-in-place, or the unique "capping" of existing cabinetry. It may also be used to fashion extreme curving furniture or produce any manner of durable architectural panels.

CHEMICAL MAKEUP

Xtreme Countertop combines the most advanced chemical technology with modern fiber advancements, to create an unparalleled countertop mix design. This technology binds the raw materials of cement and sand with other ingredients into a stronger, denser cementitious composite than ever before possible.

MIXING

Add 1—color pack (if desired) to 1—gal. **Xtreme Countertop Modifier** and mix thoroughly. Introduce 1—bag **Xtreme Countertop** while mechanically mixing thoroughly for approximately 5 mins. after all ingredients are combined. Mix should approximate the consistency of oatmeal. Larger projects may require multiple mixes. While a mortar mixer or tumble concrete mixer may be used, a horizontal shaft with helical paddle.

APPLICATION

Pour mixed material into form. While vibration is not absolutely required, it will help material to fill the form level, enhance readability, and reduce pin holes that may have been created by air.

Decorative aggregate loading throughout the mix can be achieved through an adjustment in **Xtreme Countertop** mix design (available upon request). Alternatively, aggregate or other decorative elements may be added or seeded into the base of the form prior to placing the mix.

After approximately 4 hours the countertop may be pulled from the form. If desired, after approximately 8 hours, the countertop may be polished with diamond pads. Any pinholes may be filled with a slurry mix created through wet polishing or a slurry of **SureCrete's Micro-Topping** combined with **SureCrete's Color Pack**.

Secondary coloring with **SureCrete's SureStain** may be applied if desired.

Final sealing selection is dependent upon the finish desired. **SureCrete's Polyurea** was created for **Xtreme Countertop**, providing excellent stain resistance and protection. Multiple coats will enhance the sheen of the countertop (if desired). As **Polyurea** is pH sensitive, **LD1800** densifier is required prior to the application of **Polyurea** or sufficient cure time must elapse to lower the pH. Other choices include simple **Butcher's Wax** or the superlative protection and gloss of **SureCrete's Dura-Kote Polyurethane** (which is not pH sensitive).

LIMITATIONS

Do not allow **Xtreme Countertop Modifier** to freeze. Cast product in temperatures between 40° and 90° F. Competent contractors experienced in the placement of this product should apply this product.