Xtreme SERIES PRECAST MIX

SURECRETE DESIGN PRODUCTS

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www.SureCreteDesign.com
www.TheConcreteWhisperer.com

Technical Data

COVERAGE
50 lb. bag- ***Xtreme PreCast*** = approx. 9.7 sq. ft. @ ½"

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.

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

DESCRIPTION
Xtreme PreCast Mix is a dual component precast concrete bag mix that greatly reduces the materials and labor required to construct a traditional concrete countertop. With the wide range of coloring and texture selections along with the addition of aggregate loading, design considerations are nearly limitless.

USES
A perfect medium for residential, commercial and industrial applications. ***Xtreme PreCast*** versatility allows for the fabrication of precast concrete countertops, fireplaces, shower surrounds, wall panels, furniture and architectural elements.

CHEMICAL MAKEUP
Xtreme PreCast combines the most advanced chemical technology with modern fiber advancements, to create an unparalleled precast concrete mix design. This technology binds the raw materials of cement and sand with other proprietary ingredients into a stronger, denser and more flexible cementitious composite not requiring the use of steel.

MIXING
- Add 2 —color packs (if desired) to 1—gal. ***Xtreme PreCast Modifier*** and mix thoroughly. (Note to shake or mechanically mix modifier)
- Introduce 1—bag ***Xtreme PreCast*** while mechanically mixing thoroughly for approximately 5 min's. After all ingredients are combined, mix should approximate the consistency of a loose milkshake.
- The addition of up to 16 oz of water per bag of ***Xtreme PreCast*** will help make the mix more consolidating.

** Larger projects may require multiple mixes. While a mortar mixer or tumble concrete mixer may be used, a helical paddle is preferred.*

APPLICATION
Pour mixed material into form. While high frequency 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 - ***Xtreme PreCast's*** mix design can accept up to 10 lb's or 20% per bag of aggregate sizes 0 or greater. Alternatively, aggregate or other decorative elements may be added or seeded into the base of the form prior to placing the mix.

In approximately (4) hours the countertop may be pulled from the form. In most cases after 8 hours, the countertop may be tooled. Any pinholes may be filled with a slurry mix created through wet polishing and **LD1800** (Lithium Densifier) or a slurry of ***Xtreme Series Slurry Coat*** combined with custom coloring with a ***Color Pack***.

Secondary coloring can be achieved through SureCrete's acid stains, waterbased stains or dyes if desired.

Final sealing selection is dependent upon the finish desired. Densifiers, waterbased sealers, Polyurethanes and Epoxy's are acceptable finishes for concrete tops. Advancements in sealers and techniques are continuously changing, for the latest information please contact a SureCrete Representative.

**Take note, hydration and PH effect coatings. Test before use.*