



# CANVAS SL

## Self Level microtopping mix

### DESCRIPTION

Canvas SL is a pre-blended polymer modified, non-shrink cementitious microtopping for resurfacing concrete flatwork in applications ranging from feathering to 1/8inch (2 mm) maximum. Canvas is formulated with white or gray Portland and and quicker setting cements and can accept integral pigments for color modification during application. Canvas can be smooth troweled, broom finished, or applied by splatter gun for a knockdown finish. Canvas contains added flexibilizers, plasticizers and finishing agents that help minimize efflorescence formation.

### FEATURES AND BENEFITS

- *Can be used in conjunction with Tru Tint color products for artistic finishes*
- *Often more cost effective that replacing old, worn out concrete surfaces*
- *Can be textured or broomed for versatility*
- *Quick curing means faster return to service*

### TYPICAL APPLICATIONS

Canvas SL is used for resurfacing of most concrete type surfaces including but not limited to, hotels foyers, office floors, counter tops, restaurants, bars, malls and any other concrete floor or surface restoration projects.

### TECH SPECIFICATIONS

Specifications listed for product used at 70 degrees and no adverse conditions.

Initial set.....30 min

Final set.....3 hrs

Set times can vary based on temp, humidity and other environmental factors

Coverage per 30 lb bag.....100 sqft @ normal thickness application (1/16")

Compressive strength.....2400psi at 24 hrs

.....5200 psi at 7 days

Tensile Strength.....700

Flexural strength.....1600 ultimate

### INSTRUCTIONS

For Professional use only: **SURFACE PREPARATION:** Proper surface preparation of the concrete substrate is critical for successful application of the product. The substrate must be in a structurally sound condition, free of gaping cracks (wider than hairline), and free of oil, grease, dirt and all other surface contaminates that would interfere with adhesion of the topping. The ideal substrate to be covered should have some absorptive porosity or texture (surface profile), and should not repel water. All cracks, spalls, or holes need to be patched or repaired prior to application. This type of cleaned, profiled surface can best be obtained by use of media pressure washing, sand blasting, or blast tracking (steel shot).

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## INSTRUCTIONS

**JOINTS:** All expansion joints within the existing concrete need to be kept open and should not be covered by the microtopping. They can be marked during application with a trowel and are usually incorporated into the desired end pattern or texture of choice. Placement of Canvas over expansion joints or other moving cracks and joints that are not repaired beforehand or allowed to expand can telescope or transfer through to the overlay surface causing additional cracking or possible delamination of the material. Non-moving cracks or spalls should be repaired as well. Once the topping is installed, a control joint can be sawed through the substrate at a minimum of 1/3 the depth to allow for continued movement. This joint should be sawed in conjunction with the original joint.

**MIXING:** Accurately measure out the correct water amount for each bag of Canvas and add to a clean mixing bucket. A 30lb bag will require 2 quarts of water to achieve the proper trowelable consistency. Add additional water up to 2.75 quarts for a more fluid "pancake batter-semiflowable" consistency if a more fluid application is desired. Warmer temperatures or lower humidity levels may also require the use of the higher water level amount. Note that variations or inconsistent measuring in the amount of water added will result in differences in end color and texture. Add any selected pigments or colorants (liquid or powder) per the dosage rate specified by the color manufacturer, taking care to measure identical amounts with each batch to ensure uniformity. Using a mechanical mixer, mix material at low speed until it is fully blended and a uniform, lump free consistency is obtained.

**APPLICATION.** Apply TI Flexy-Bo Primer(or preferred primer system)to the surface at a typical rate of 150-200 square feet per gallon a short time before application. The bonder will dry to a slightly tacky, clear consistency 10 min to 1 hr at 70°F average conditions. Apply the mixed microtopping from the walls outward at an approximate desired thickness by use of an adjustable gauge rake, squeegee, or roller. Once the material is a uniform thickness, the surface can be troweled to a smooth finish typically using a rounded corner fresno. Do not over trowel the material. Allow Canvas to set so that the surface is pliable (firm to touch but not sticking to fingers or tools), but do not allow it to set before the surface is optionally textured. Drying time is typically between 1 hour (+/-) 30 minutes depending on thickness and weather conditions. Light foot traffic in 24 hours.

**NOTE OF CAUTION.** Any walking on the surface during the installation should be done with the use of spiked sandals to minimize the damage. **CAUTIONS** Do not mix more material than can be placed in 15-20 minutes. Always try to keep a wet edge The temperature of the mixed material should be between 60°F to 80°F for ideal working properties. Use only potable water for mixing. Clean mixing equipment between batches. Do not apply to overly cold or hot surfaces. Colder temperatures will extend open time and reduce rate of strength gain.