

TRU IMPRESSIONS

Self Level "Canvas" Microtopping overlayment.

PRODUCT DESCRIPTION: Tru Impressions Overeze Canvas is a pre-blended polymer modified, non-shrink cementitious microtopping for resurfacing concrete flatwork or hardscapes in applications ranging from feathering to 1/8 inch (2 mm) maximum. Overeze Canvas is formulated with the addition of white Portland to provide a very light gray base color that can accept integral pigments for color modification during application, or can be modified after placement and cure with either acid or water-based stains for desired color effects. Overeze 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 and freeze thaw related spalling and cracking surface degradation. Typical applications include interior or exterior floors and building entrances, patios, pool decks, sidewalks, driveways and related flatwork where the natural aesthetics of concrete are desired.

COMPOSITION: Portland and CSA cement blend, selected aggregates, polymer modifiers and proprietary chemical additives. This product contains no calcium chloride or added chlorides.

TECHNICAL DATA: WORKING & PERFORMANCE PROPERTIES @ 70°F (21°C) (APPROXIMATE);	
Initial Set per :	1.0 hours
Final Set per :	3.0 hours
Coverage per 45 lb. bag	Covers 96 sq. ft. at 1/16 inch (9.0 m2 at 1.5 mm thick)
COMPRESSIVE STRENGTH PER ASTM C-109:	
1 day:	2185 psi (15.0 Mpa)
3 days:	4150 psi (28.5 Mpa)
7 days:	5250 psi (36.1 Mpa)
28 days:	6400 psi (44.1 Mpa)
FLEXURAL STRENGTH PER ASTM C-78:	
7 days:	870 psi (6.7 Mpa)
28 days:	1620 psi (11.2 Mpa)

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 contaminants 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 when applied. All cracks, spalls, or holes need to be patched or repaired prior to application. This type of cleaned, profiled surface can be obtained by use of pressure washing, sand blasting, or blast tracking (steel shot).

JOINTS: All expansion joints within the existing concrete need to be kept open and should not be covered by the microtopping. These joints can be marked during application with a trowel and are usually incorporated into the desired end pattern or texture of choice. Placement of Overeze 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 Overeze Canvas and add to a clean mixing bucket. A 45lb bag (20.45kg) will require 3.24 quarts (3.05L) of water to achieve the proper trowelable consistency. Add additional water up to 4.25 quarts (4.01L) 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 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. Once the material is a uniform thickness, the surface can be troweled to a smooth finish typically using a rounded corner fressno. Do not over trowel the material. Allow Overeze 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.

WARNINGS: Contains cement and silica, avoid inhalation of dust. Wear gloves, safety goggles, and OSHA approved dust respirator during mixing and placement. Refer to product M.S.D.S. (Material Safety Data Sheet) for additional safety information. Do not take internally. Avoid prolonged contact with skin. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.