

MICRO TOPPING

ACRYLIC MODIFIED MICRO TOPPING



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Technical Data

COVERAGE *

Micro Topping – Base Coat

40 lb. pail = 200-250 sq. ft. @ 2 coats

Micro Topping – Top Coat

25 lb. pail = approx. 300 sq.ft.

* product settles after packaging

CURING

Allow to air cure after application. High heat, sunlight, and windy conditions will accelerate the hydration rate, while cooler temperatures and high humidity will retard hydration rate. Best results occur with moderate temperatures 60°F - 80°F. With moderate conditions **Micro Topping** will dry to the touch between coats within approximately 20 mins. It should achieve initial set in approximately 8 hours. Allow a minimum of 12 hrs. set time before staining or sealing **Micro Topping**. Do not allow water to stand on surface prior to full cure (minimum 12 hrs.) Excessive water can contribute to bond failure, even small quantities of water can discolor surface.

LIMITATIONS

Do not allow **Micro Topping** to freeze. Apply in temperatures between 50°F and 90° F. This product should be applied by competent contractors experienced in its placement.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller's option. SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.

DESCRIPTION

Micro Topping is an extremely versatile and durable cementitious topping for both interior and exterior concrete surfaces. **Micro Topping** is designed for horizontal surfaces, but may be used on vertical surfaces as well. Application is accomplished in layers usually with trowels or squeegees. **Micro Topping** creates an exceedingly smooth, tight-trowel finish.

COMPONENTS

Micro Topping is a single component mix design that requires only the addition of potable water. Since all of the necessary ingredients are pre-blended in the pail, it is the ultimate in user-friendly. **Micro Topping** requires a 2 base coats and if desired 1 top coat. Base and top coats are packaged separately

SURFACE PREPARATION

The host surface must be clean, structurally sound, cured, and profiled. Remove all laitance, efflorescence, chemical contaminants, grease, oil, old paint, rust, algae, mildew, and other foreign matter that may serve as a bond breaker. Shot blasting, scarifying or water blasting may be necessary to achieve a proper profile. Acid etching or other treatments should be evaluated.

As **Micro Topping's** aggregate is extremely fine, holes, spalls, voids, and irregularities should be appropriately treated with **SureCrete's Flash Patch** or floated with **SureBroom** to provide a flat surface prior to installation.

Substrate must be 50°F and rising before installation. Surface at 90°F and above must be cooled before installation. Pre-dampen area with fog tipped sprayer before using, leaving no puddles.

APPLICATION

Micro Topping's recommended application requires a minimum of two coats. If desired for extreme flatness and tight-trowel finish, utilize three coats: 2 base coats and 1 top coat. Depending on job site conditions and desired results, the number of coats may be adjusted either up or down. Fewer coats may not achieve the superlative slick, tight-trowel finish.

Base Coat: The prepared surface should be dampened: saturated, surface dry (SSD). Add approximately 36 – 48 oz's. water to 10 lbs. of **Micro Topping**. Mechanically mix at 450 – 600 rpm to a flowable consistency in a clean vessel. Allow to stand 2 – 5 min's. before applying. Batch enough material that can be used in 10 – 20 min. time frame, maintaining a wet edge. Consistency in mixing and application are key to a uniform color palette. Two coats are recommended. Allow drying between coats. When coats are dry enough to walk on remove trowel tracks or any irregularities with a scraper. If base coat dries beyond its initial set, grinders or sanding discs may be required to dress up between coats. Recognize that any irregularities in the base coat will telegraph through the finish coat.

Finish Coat: Clean base coat surface of any dust created and dampen surface, SSD. Apply finish coat with the same ratios and standards of mix. Additional integral tinting can create a marbleizing effect. Batch enough material that can be used in 10 – 20 min. time frame, maintaining a wet edge. As the finish coat becomes tacky, a second pass with trowel to remove any tracking, will create the often-desired slick, tight-trowel finish.