

MICRO SPRAY

POLYMER MODIFIED
SPRAYABLE MICRO TOPPING



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Technical Data

COVERAGE

Micro Spray – Base Coat

45 lb. pail* = 90–130 sq. ft.

* product settles after packaging

LIMITATIONS

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

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.

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 manufacturer's/seller's option. SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.

DESCRIPTION

Micro Spray is an extremely versatile and durable cementitious topping primarily for interior concrete surfaces. **Micro Spray** is designed for horizontal surfaces. It can bring a new consistent and predictable surface to begin staining. **Micro Spray** creates a new clean palette to begin one's artwork. Application is accomplished with compressed air spray equipment. **Micro Spray** creates an exceedingly smooth, tight finish.

COMPONENTS

Micro Spray 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. If desired **Micro Spray** may be integrally tinted with **SureCrete's color packs**.

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. For most applications, the most common means of profiling is accomplished with the use of **SCR**, the safe substitute for muriatic acid. See the application sheet for **SCR** for proper technique and instructions. As **Micro Spray'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.

APPLICATION

Micro Spray's application usually requires two coats. However, a smooth concrete surface or one with desired irregularities may use only one coat. **SureCrete's SureSpray** or **Sure-Tex** is customarily chosen for the first or base coat.

The first coat or base should be troweled flat. When the base coat is dry enough to walk on, remove trowel tracks or any irregularities with a scraper or through sanding. Recognize that any irregularities in the base coat will telegraph through the **Micro Spray**. After sanding clean any residue before application.

Mix approximately 6 ¼ quarts of water to the 45# pail of **Micro Spray**; this creates a very wet mix. Use caution not to add so much water that the sand "falls out" of the mix. Select a relatively small orifice to shoot the material at a relatively high pressure for the spray equipment. On a Marshalltown hopper gun system utilize the 3rd hole or ¼" @ 40 psi. Substrate must be 50°F and rising before installation. Pre-dampen area with fog tipped sprayer, leaving no puddles. This dampening must occur throughout the spraying process preceding the spraying of **Micro Spray**.

Spray sufficient material until it "runs" almost leveling itself (note: **Micro Spray** is not a self leveler.) Continue placement evenly, exercise care to maintain a wet edge while spraying, not allowing cold joints to appear. Attempt to work to control joints or complete rooms. This can be challenging when spraying from a hand held hopper or a remote hopper that sprays faster than one can mix. Sufficient experienced man power is required for **Micro Spray**, application.

Before secondary coloring or sealing be certain that **Micro Spray** has dried thoroughly, as it is applied in a very wet state upon a damp surface. A minimum of 6–8 hours of dry time is required. Some applications can take longer.