

Technical Data

COVERAGE

Base 175 sq. ft.

Finish 150 sq. ft

TECHNICAL DATA

COMPRESSIVE STRENGTH

- ASTM C-109 28 day 4250 PSI

ABRASION RESISTANCE

- 28 days %loss -500 cycles - <.40%

TENSILE STRENGTH

- ASTM C-190 28 day 430 PSI

FLEXURAL STRENGTH

- ASTM C-348 28 day 980 PSI

MOSAIC SHEAR

- ANSI A 118.4 28 day 275 PSI

Density - 126.10 lbs./cu. ft.

CURING

Allow to air cure after application. Care should be taken when weather conditions impart variables that may cause the spray texture to dry out too quickly. High heat, sunlight and especially windy conditions may be detrimental to the proper curing of the spray texture.

Attempt to minimize application during such harsh conditions by working during cooler hours, keeping all materials shaded prior to mixing and setting up plastic or temporary walls to block wind.

SureSpray should achieve initial set in approximately 8 hours. For heavy traffic allow 48 hours.

DESCRIPTION

SureSpray is a trowelable or squeegee applied (base coat) and hopper gun / compressed air applied (finish coat) cementitious topping for texturing both interior and exterior concrete surfaces.

Typical areas include pool decks, patios, walkways, and driveways. **SureSpray** is formulated to provide excellent bonding to new as well as existing concrete surfaces.

APPLICATION

Base Coat: If base coat is to be troweled or squeegeed, begin by saturating area to be covered with water. Before application of base coat, remove any excess water leaving no puddles. The surface should be saturated, surface dry (SSD). If base coat is to be sprayed with compressor and texture gun, do not wet surface.

Mix water at the rate of approximately 5 to 6.5 qts. to 1 - 50 lb. bag of **SureSpray**. Mechanically mix to a lump-free, flowable consistency. Place the base coat with a squeegee or spray from hopper gun at 40 psi through a relatively small orifice, 19/64" (Marshalltown = 4th from smallest). When using a squeegee exercise care to keep surface smooth and free of trowel tracks. When using a hopper gun, be certain to maintain 100% coverage of host surface.

After base coat has dried, scrape away any loose material and sweep and use leaf blower to clear surface. Any trowel tracks or ridges must be smoothed with a rubbing stone, grinder, scraper, etc. to prevent them from telegraphing into the finish coat. Tape or stencil patterns may be applied.

The base coat may be integrally tinted to provide a contrast with finish coat that creates detailed, or intricate grout lines in finished product.

Finish Coat: Mix water at the rate of approximately 4 ½ to 6 ½ qts. to 1 - 50 lb. bag of **SureSpray**. Mechanically mix to a lump-free, flowable consistency. The finish coat may be integrally colored. Use a hopper gun for this application.

For *knockdown* texture use 8-15 psi through a relatively large orifice, 7/16" (Marshalltown = 2nd largest). Coverage should be approximately 75-80% of bond coat below. As the wet, glossy material begins to dry to a matte or dull appearance, it should be knocked down with a pool trowel or metal squeegee. Metal spikes should be worn, exercising care not to damage the finish coat.

For *bubble texture* use 40 psi through a relatively small orifice, 19/64" (Marshalltown = 4th from smallest).

Coverage should again be 100% or very consistent coverage of base coat. Subsequent highlighting or accent coats can be at any rate desired.

As soon as finish coat is dry to the touch and can bear sock foot traffic, pull stencil or tape lines. The finish product needs 2 coats of sealer that may be pigmented or clear, water or solvent base.

