



ribbon blender

Sgraffino is a cement based compound that provides a grainer concrete surface and can be applied at paper-thin thickness. When combined with pure **CP1000** acrylic activator, **Sgraffino** produces the ideal ultra thin resurfacer for both interior and exterior concrete applications.

USE

Sgraffino is a versatile and excellent wearing concrete surface. Numerous decorative effects can be achieved through the creative use of a trowel, sponge, roller, or spray unit. It provides a fast solution for integrally coloring and resurfacing an interior or exterior concrete. Also, it is a cost-effective solution for resurfacing new or old concrete, broomed, troweled, or creating a multi-layered weathered fresco finish. **Sgraffino** has been designed to accept all **COLORMAKER** coloration systems. **Sgraffino** is available in grey or white base and can be integrally custom colored on site with **Colorfast** or **Aquacolor**.

FEATURES

1. Superior abrasion resistance
2. Excellent bond strength
3. Freeze thaw stability
4. Breathable surface

SURFACE PREPARATION

Surfaces must be structurally sound, clean and free of dust, dirt and all surface debris, especially drywall residue, mold, mildew, curing compounds and petroleum based products. Power scrub (floor maintainer with abrasive black stripper pad) or pressure wash surface with detergent/degreaser and clean water, and rinse or wet-vac clean. Allow surface to dry completely before priming, this assists penetration and prevents the dilution of the primer.

Prime all surfaces with **CP1000** acrylic activator as per the following guidelines. **DO NOT DILUTE**. Apply with a garden sprayer and then spread with a broom or mop to assist complete coverage and penetration. Two coats are essential. The first coat should be applied the night prior to installing the overlay, then the second commencing the next morning. Once the milky look has completely

disappeared the surface is ready for overlaying. Placing the overlay before the second coat is touch dry may result in bleed and varying white marks on the finished surface. Allow 5 Gallons (18.9 liters) of **CP1000** to prime 1,000 sq. ft. of concrete with two coats, however, this will vary considerably according to surface porosity. An incorrectly primed surface may result in pinholes in the topping and cause incomplete hydration of the product. Overlay must be installed no longer than 8 hours after second coat of primer has been applied.

MIXING

Step 1: Place **CP1000** into a clean garbage can for easy access. Always activate **Sgraffino** with pure **CP1000**.

NOTE: *Sgraffino liquid levels are adjustable +/- 10%, however, remember to be consistent. We recommend 4.6 liters of CP1000 to activate 1 pail of Sgraffino.*

Step 2: Using the **COLORMAKER** measure bucket, which has been pre cut to 1.2 gal (4.6 liters), dip and fill once to the pre-cut liquid level and pour into a clean 5 gallon pail. Total amount of liquid needed is 1.2 gal (4.6 liters).

Step 3: Add **Colorfast** or **Aquacolor**, if desired into pail and spin for 2-5 seconds.

Step 4: Place 2/3 of **Sgraffino** powder into the pail and spin with liquid for 30 seconds using a slow speed drill and paddle attachment.

Step 5: Place remaining powder into the pail and mix thoroughly for 60 seconds to disperse all ingredients to a pour able consistency. Consistency should be that of paint and should drip off the mixing paddle readily.

NOTE: *Sgraffino can be used over long periods of time, re-temper by adding a small amount of CP1000 if necessary. However, this could cause a color shift.*

APPLICATION

Sgraffino is usually applied in two thin coats using a magic trowel or steel trowel. Contractors should perfect their finishing techniques to produce the desired surface. The first coat must be applied ultra thin, do not worry about scratch marks as these will be covered with the second application. When applying the second coat only pour a small amount out onto the surface, do not waste time and energy moving large amounts of material

around. Trowel to achieve the desired look and finish as you go. Keep a wet edge and blend from one area to the next, avoid leaving hard lines. Ensure a random pattern by rotating and varying your troweling action. Gently break up any lines or repeating patterns. When applying multiple coats, allow each coat to dry, and then repeat the application. The drying time between coats depends on the ambient temperature, normally a minimum of two hours or once the surface has an even dried colored appearance. It is not necessary to prime between coats. Mist with a light application of water to dampen surface if second coat is applied the next day.

CURING

This will depend on the ambient temperature and weather conditions. During the summer months **Sgraffino** is ready for light foot traffic 12 hours after second coat has been sealed. Heavy traffic may require up to 2 days curing depending on temperature.

SEALING

Surface must be dry before application of **Custodian, Deco Seal Supreme, Sentinella** or **Texture Seal**. Use an airless pump sprayer to apply a very thin first coat and back roll, this ensures that a continuous membrane is formed; care must be taken so that the sealer is not allowed to pool. Sealer should be at least 6 hours dry between coats especially with the water based sealers. Installations of sealers will vary but typically consist of two coats. On interior applications two coats of **Uro Finish** should be applied.

(See Sealer Selection Guide and Technical Data Sheets for coverage rates and installation procedures).

NOTE: When using Texture Seal on cementitious toppings, wait 5 days before sealing so as not to cause softening of the cementitious overlay. Dilute 1-1 with acetone and apply using a pump-up sprayer. Do not leave puddles or pools.

COVERAGE

There are three types of **Sgraffino** with the following coverages:

Sgraffino - One 30 lb (13.6 kg) pail covers approximately +/- 250 sq. ft. (23.23 m²) at <1/32" per coat thickness.

Sgraffino Fine - One 22 lb (9.98 kg) pail covers approximately +/- 300 sq. ft. (27.87 m²) at <1/32" per coat thickness.

Sgraffino Super Fine - One 20 lb (9.1 kg) pail covers approximately +/- 300 sq. ft. (27.87 m²) at <1/32" per coat thickness.

LIMITATIONS

Do not apply to frozen surfaces or when temperatures will fall below 50°F (10°C) within the following 24 hours. Temperatures below 60°F (15°C) will extend set time. During cooler months, rain or moisture from dew must be kept off surfaces for a minimum of 24 hours. Full curing of concrete slabs typically takes 28 days. Objects placed and left on the surface for more than 2 days could cause a ghosting effect. Caution should be taken during this curing period.

WARRANTY

Sgraffino is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. The seller's and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective.

HEALTH CAUTION

Irritating to the eyes and skin. Contains Portland cement and is alkaline on contact with water. During mixing and application avoid contact with eyes. In case of contact, flood eyes repeatedly with water and **CALL A PHYSICIAN**. Avoid prolonged contact with skin.