



ribbon blender

Pentimento is a cement based compound when combined with **CP1000** acrylic activator produces a unique high strength cementitious

floor topping. Designed to resurface existing concrete and thus restore it back to original condition. At 1/8" in thickness, **Pentimento** can be re-troweled and burnished numerous times to take on the appearance of newly steel trowelled polished concrete.

USE

The durable **Pentimento** surface has been designed for resurfacing high traffic commercial interior floors, as well as residential concrete surfaces for renovation and new construction. Can be used to resurface ceramic tile or marble **Pentimento** readily accepts **COLORMAKER** coloration systems. **Pentimento** is available in grey or white base and can be integrally colored on site using **Colorfast** pigments.

FEATURES

1. Superior abrasion resistance
2. High compressive strength
3. Excellent bond to substrates
4. Can be trowelled to a feather edge
5. Designed to be re-troweled
6. Economical and cost effective

SURFACE PREPARATION

Surface must be structurally sound, clean, and free of dust, dirt and laitance, especially drywall residue, curing compounds and petroleum based products. Power scrub the surface with 1 cup commercial degreaser to 2.5 gallons water, rinse well with liberal amounts of clean water and wet-vac. Prior to priming allow surface to dry thoroughly to prevent dilution of the primer.

PRIMING

Prime all surfaces with **CP1000** acrylic activator as per the following guidelines. **DO NOT DILUTE**. Apply with a garden sprayer, then spread with a broom or mop to assist complete coverage and penetration. Two coats of primer are essential. The first coat should be applied

the day prior to installing the overlay, then the second on commencing 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. For two primer coats allow 5 gallons (18.9 liters) of **CP1000** per 1,000 sq. ft. (93 m²). However, this amount can vary considerably according to surface porosity.

NOTE: An incorrectly primed surface may result in pinholes in the topping and cause accelerated and incomplete hydration of the product. Overlay must be installed no longer than 8 hours after application of second coat.

MIXING

Step 1: Mix **CP1000** activator with water at the ratio of 2:1 (e.g. 5 gallons of **CP1000** and 2.5 gallons of water into a large holding container).

Step 2: Using the **COLORMAKER** liquid measuring bucket (pre cut to 4.6 litres), dip and fill to the pre cut level and pour into a clean 5 gallon mixing pail.

Step 3: Add **Colorfast** color if required into a 5 gallon mixing bucket and spin for 2-5 seconds.

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

Step 5: Place remaining powder into the bucket and mix thoroughly for 60 seconds to disperse all ingredients to a pourable consistency. The volume of liquid required is very critical, always use the measure bucket provided and slightly adjust if necessary with +/- small measure cup.

NOTE: Liquid requirements vary according to ambient temperature and the condition of the concrete substrate. If drying conditions include hot, dry and/or rapid air movement, correct the condition if possible. A small amount of bleed is necessary to assist trowel use. Mix only enough material for immediate use. Re-mix if not used within 5 minutes (this will re emulsify the material) although the leveling properties will begin to diminish.

APPLICATION

Step 1: Spread **Pentimento** with a turbo roller, then flatten with a 20" pool trowel. This will produce a smooth surface with some trowel marks, and then proceed to Step 2.

Step 2: A trowel pass will produce a smoother surface. This is done using spiked knee boards 10-30 minutes after initial placement. Timing is critical, so this trowel pass must be done before the surface has dried out, approximately when 50% of the area has dry patches. The contractor's technique is what determines the final effects so contractors should perfect their finishing techniques to produce the desired surface.

CURING

Pentimento will be ready for light foot traffic in 18-24 hours. Heavy traffic may require up to 3 days curing depending on temperature. It is advisable to cover interior projects with cardboard or curing paper. **Never stick masking tape directly to the new surface for longer than a few hours as this could cause permanent curing discoloration.**

SANDING OR BUFFING

Test the area prior to sanding to ensure **Pentimento** is sufficiently cured. Under normal drying conditions 68°F-75°F (20°C-24°C) wait 24 hours. Use #100 grit paper or mesh on a standard 17" electric floor maintainer. The sanding process will erase any light acrylic residue, and provide a polished concrete appearance.

SEALING

Surface must be dry before application of **Custodian, Deco Seal Supreme, Sentinella** or **Texture Seal**. Use a pump up airless sprayer and back roll this to apply a very thin first coat, this ensures that a continuous membrane is formed; care must be taken so that the sealer is not allowed to pool. Sealers should be allowed at least 6 hours to dry between coats especially with the water-based sealer. Installations of sealers will vary but typically consist of two coats of sealer followed by one to two coats of finish depending on usage.

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

NOTE: When using Texture Seal on cementitious toppings, wait 2 days before sealing so as not to cause softening of the cementitious overlayers.

CLEAN UP

During application keep all mixing equipment clean (e.g. buckets should be scraped clean with hand trowel) as old product will contaminate future mixes and accelerate set time and make initial toweling difficult. Mixing area should be protected with cardboard and plastic to minimize site clean up.

COVERAGE

A 50 lb. (22.7 kg.) bag/box of **Pentimento** will cover approximately 80 sq. ft. at 1/8" thick. Coverage will also vary based on concrete substrate.

LIMITATIONS

Do not apply to frozen surfaces, at temperatures below 40°F (4°C), or if temperature is expected to drop below 40°F (4°C) within the following 24 hours. Never stick masking tape to the newly sealed surface. The adhesive glue will remove coloration and sealer. Existing cracks or joints in the substrate could reflect through the overlay. Excessive **CP1000** loading with the dry **Pentimento** when mixing will cause white bleed marks in the final floor surface. Full curing 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 period.

WARRANTY

Pentimento 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

Contains Portland cement and is alkaline on contact with water. During mixing and application avoid contact with eyes and skin. In case of contact, flood eyes repeatedly with water and **SEEK MEDICAL ATTENTION**.