

Pentimento

Premium Grade Concrete Microtopping

DESCRIPTION

Pentimento is a premium concrete overlay/microtopping. It's tailor-made from a blend of premium-grade cement, fine-grade aggregates, and specialty acrylic polymers. Use it to resurface existing concrete or any hard-wearing surface like ceramic tiles or gypsum-based underlayments. It's the perfect concrete microtopping for creating a smooth, seamless, and burnished polished concrete floor. Pentimento is used in the finest residential and commercial spaces, galleries, hotels, and other upscale projects. Pentimento can be integrally colored with Colorfast, Aquacolor, or stained Concrete Dyes.

ADVANTAGES

- Seamless polished concrete microtopping
- Very Cost-Effective Solution to achieve natural hand applied concrete finish
- Ability to install over various hard-wearing surfaces like concrete, ceramic or porcelain tiles and gypsum based underlayments.
- Create a smooth natural concrete surface in one-coat application
- Using of stains/dyes along with integral colors, create a unique and highly durable concrete surface with variegated color effects.

SUBSTRATE REQUIREMENTS

- Clean the areas and remove all unsound concrete, grease, oil, paint, asphalt, tar and any other foreign materials that will inhibit performance.
- Substrates must be stable, solid and structurally sound.
- Substrate must be mechanically profiled by shot-blasting, sand blasting or scarifying to achieve a CSP 4 to CSP 5.
- After cleaning and profiling, test for MVER (moisture vapor emission rate).
- For applications over cutback adhesive residue, wood surfaces, non-porous substrates such as terrazzo, ceramic and quarry tile, burnished concrete, epoxy coatings, painted surfaces and metal, please contact Düraamen's technical staff.
- Movable expansion or control joints must be reflected through Pentimento.
- Prior to priming allow surface to dry thoroughly to prevent dilution of the primer.

INSTALLATION STEPS

PRIMING

- Prime the substrate with CP1000, acrylic primer. It must be applied over entire substrate that is at least at 50°F.
- Apply with a garden sprayer and then spread with a broom or mop to assist complete coverage and penetration.
- At least two coats of primer are recommended allowing 6 to 8 hours between the coats. Porous substrate like gypsum based underlayments may need at least 3 coats of CP1000.
- An incorrectly primed surface may result in pinholes in Pentimento and cause accelerated and incomplete hydration.

MIXING & INSTALLATION

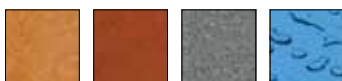
- Dilute CP1000 with water – 4 Parts of CP1000 to 1 part Water. Mix 3.78 to 4.00 liters of this diluted Cp1000 per bag of Pentimento.
- Use a drill and paddle to mix Pentimento for at least 3 minutes. After initial mixing for 3.0 minutes, wait for 2 to 3 minutes and mix again for 2 to 3 minutes.
- If integrally coloring with Colorfast colors, add the color in diluted CP1000 before adding Pentimento. Do Not add more than 2 Cups of Colorfast per pail of Pentimento.
- Spread the Pentimento mix with 'Turbo Roller' or 'Gauge Rake' at 1/8-inch thickness. After spreading the entire batch of Pentimento, it can be smoothed with a clean and flat (preferably brand new) concrete finishing trowel. If the application space allows, use 18" X 5" size concrete finishing trowel.
- Allow Pentimento to cure for at least 24 hours before proceeding to the next step of staining or sealing. Damp, humid and cold temperatures will extend the cure time.
- Apply suitable sealers as per the project requirements after allowing Pentimento to cure thoroughly.
- It may take at least 7 before Pentimento is ready for heavy traffic. It is advisable to protect the floor while other trades are working on the floor. Never ever stick masking tape directly to the floor even if it is sealed. The tape may peel of the sealer or leave a glue mark.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions.

COVERAGE

Pentimento yields 60–80ft² per bag at 1/8 inch thickness.



AVAILABILITY

Pentimento is available throughout the United States and Canada. Contact Duraamen representative in your area for details.

MAINTENANCE

Please refer to duraamen's [Technical Bulletin 3, Maintenance Guidelines](#)

TECHNICAL SERVICE

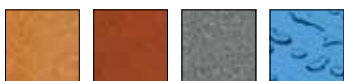
Duraamen Engineered Products Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

TECHNICAL DATA

Compressive Strength after 28 days	5100psi
Flexural Strength	1200psi
Pot Life	20–30 minutes at 70°F when spread over the floor
Mix Ratio	45lb of Pentimento with 3.78 to 4.0 liters of diluted CP1000 (Dilute CP1000 at 4 parts of CP1000 to 1 part Water)
Ready for Foot traffic	24 to 36 hours at 70°F (Humidity and Cold temperatures will extend this time)

WARRANTY

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