

### DESCRIPTION

Pasto is a Portland cement based polymer modified stamp overlay. The dry bag mix has been designed to just add water and mix. Pasto then can be applied at 3/16" to 3/8" thickness in a single application, when ready, stamped with the desired texture or pattern.

Pasto has been designed for both interior and exterior applications where a textured finish is desired. Textures can vary from random stone or slate to tile or wood plank finishes. Use release agent to stop rubber molds from sticking to the wet Pasto. The installer can utilize release agents for this purpose, and at the same time add color depth to the imprinted surface. If further coloration is required, Pasto will accept acid stains and water based stains.

### STAMP SELECTION

Select stamps that are appropriate for overlay thickness. The open stone or slate texture feathered edge mats are the best way to gain experience allowing the installer to move with less effort and more speed. Diamond saw cutting a day or two days later can simulate grout lines and add to the aesthetic look of the project.

### ADVANTAGES

- Superior bond to various types of substrates
- Superior abrasion resistance
- High compressive strength
- Accepts various coloring systems – acid stains, integral colors or dyes
- Excellent freeze thaw resistance

### 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 Pasto.
- Prior to priming allow the surface to dry thoroughly to prevent dilution of the primer.

### INSTALLATION STEPS

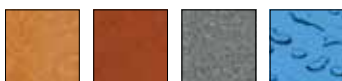
#### PRIMING

- Prime all the surfaces with Cp1000 acrylic activator. DO NOT DILUTE Cp1000. It must be applied over entire substrate that is at least at 500F
- Apply with a garden sprayer, and 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 Pasto.
- Installing Pasto before the second coat is dry-to-touch may result in bleed and varying white marks on the finished surface.
- For two primer coats allow 5ga of Cp1000 per 1000ft<sup>2</sup>. However this amount can vary considerably according to surface porosity.

NOTE: An incorrectly primed surface may result in pinholes in the Pasto and cause accelerated and incomplete hydration. The overlay must be no longer than 4 hours after the application of second coat.

#### MIXING & INSTALLATION

- Use the pre-cut 3.6liters liquid measuring bucket to provide the exact water requirement. Place 3.6 liters (+/- 300mils) of water in a 5 gallon mixing pail. Use only cool, clean water.
- Now add Colorfast (integral color) or Aquacolor if required into the mixing pail and spin for 30seconds using a slow speed drill and paddle attachment.
- Add 2/3rd of Pasto powder into the mixing pail and spin for 30 seconds using a slow speed drill and paddle attachment. Add the remaining powder into the bucket and mix thoroughly for 90 seconds to mix thoroughly.
- Allow the mixed Pasto to sit for 2-3 minutes (dry polymer rewetting period) then remix for 30seconds before use.
- The water requirements of Pasto will vary according to ambient temperature and the condition of the concrete substrate. In addition to temperature, if drying conditions include hot, dry, rapid air movement, correct the condition when possible. A small amount of bleed is necessary to assist during trowelling. Always mix only enough material for immediate use. Remix if not used within 5 minutes (this will re-emulsify Pasto) but may affect its leveling properties.
- Spread a layer of Pasto at consistent thickness with a gauge



rake and then immediately trowel flat. Do not power trowel or over work. Applicators should perfect their troweling technique, keeping the trowel as flat as possible. Resist troweling long repetitive sweeping action; this could show up as an unnatural effect after stamping. Continuously install three-foot wide bands. Overlap each time and take care to maintain a wet edge.

- The time lapse between troweling and starting to stamp (can vary from 1/2 hour to 3 hours). Allow the Pasto to set up, similar to regular stamped concrete. Pay attention to setting time so that the surface is not too soft or too hard to imprint. This will vary considerably according to temperature, airflow and surface conditions. Broadcast the release agent just prior to stamping.
- It is recommended that tarps be used to shade the stamp concrete work area, always keep Pasto and mixing water in shaded cool area. During summer months, installations should be carried out early in the morning.
- Remove excess release powder off the stamped surface with a soft nylon broom. Use a commercial grade soap plus water to wash, afterwards rinse with clean water. Determine surface hardness prior to cleaning, a minimum of 18 hours are required for curing, more during cooler periods.
- Pasto will be ready for light foot traffic in 24 hours and 5 days for heavy traffic.

## LIMITATIONS

Do not install Pasto at temperatures below 45°F or if temperature is expected to drop below 45°F within the following 24hours. Do not install Pasto at temperatures below 45°F or if temperature is expected to drop below 45°F within the following 24hours.

## 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

Pasto yields 25ft<sup>2</sup> per bag at 1/4 inch thickness.

## AVAILABILITY

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

## WARRANTY

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## MAINTENANCE

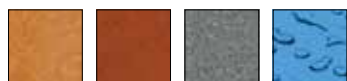
After completing the installation, the applicator should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly. Properly sealed Pasto is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Treating the surface with a floor finish (Smärtgard) is optional. Long periods of heavy traffic may cause wear patterns necessitating application of a finish coat.

## 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

Flammability (ASTM E84)	
Flame Spread	0
Fuel Contribution	0
Smoke Development	0
Compressive Strength (ASTM C 109)	
28 days	5200psi
Flexural Strength	1190psi
Shelf life	6 months



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