

DuraDek Stamp Mix

Decorative Finish - Proprietary Polymer
Exterior and Interior

Stamp Mix • 6062

Product Description

DuraDek Stamp is an overlay coating specifically for the protection and resurfacing of interior and exterior concrete substrates. DuraDek Stamp features a specific proprietary formula, that when mixed with 6068 DuraDek Stamp Mix Fortifier Concentrate, creates a thin coating specifically designed to bond and adhere to concrete substrates, providing excellent resistance in high-traffic areas. With the use of this dual system, properly prepared and primed concrete surfaces will take on a new life by creating a permanent bond into graphic designs, textures, colors and patterns, that will last and not delaminate or fade. DuraDek Stamp is specifically designed to be used by professionals that have received training for concrete overlay applications.

Performance

(after blending 6068 DuraDek Stamp Mix Fortifier Concentrate with 6062 DuraDek Stamp)

- Suited for new and existing cementitious surfaces
- Great resistance to mildew and organic growth
- Excellent bonding
- Provides a decorative finish
- Scrubbable and washable
- Excellent wear resistance

Performance Data

(based on a 28 day air cure)

- Tensile Strength 929 psi
- Compressive Strength 10,230 psi
- Impact Strength 48 in/lb
- Flexural Strength 1355 psi
- Shear Bond Adhesion >500(C)
- Abrasion Resistance 1.15

Product Limitations

- Do not apply when air or substrate temperature is below 50°F (10°C) or above 100°F (37°C).
- Do not use dirty water, containers or rusty tools.
- Do not use in corrosive or chemical environments, or areas subject to intense heat.
- Do not use retarder and accelerator in combination.
- Do not use for heavy vehicle traffic or excessive weight (i.e. forklifts or steel wheels).

Product Data

Product Type: **Proprietary Polymer**
Coverage: One 50lb. covers 23sq. ft. area at 1/4" thick.

VOC gm. p/L*: .03 lbs./gal. (0.35 gm./ltr.)

*less exempt solvents and before the addition of colorant

Application: Hand Trowel or Gage Rake

Dry time @ 50% RH*: 1 - 2 HR to touch

2 - 3 days for normal use

5 - 7 days for high or light vehicle traffic. Drying time is per coat depending on conditions.

*dry times listed may vary according to the relative humidity, temperature, film build and air movement of the application environment

Flash Point: Nonflammable • > 200°F

Clean Up: Warm soapy water

Surface Preparation

It has been determined that up to 80% of all paint and coating failures may be due to improper surface preparation. It is necessary that the proper steps be taken before the application of this product.

General Surface Preparation: Surface must be in good condition. Surface must be clean and free from dirt, mildew, oil /grease and degraded concrete and foreign matter to insure good adhesion of material. Peeling, cracking, and chipping paint should be removed by sandblasting or scarifying. Follow the ASTM procedures listed: ASTM D 4258 - Practice for Surface Cleaning Concrete for Coating, ASTM D 4259 - Practice for Abrading Concrete and/or ASTM D 4620 Practice for Acid Etching Concrete. Repair or replace all cracked, deteriorated concrete and all rusted reinforcing steel before applying DuraDek Stamp Mix. Any unpainted substrates should be properly prepared according to their respective manufacturer's and/or supplier's recommendations. It is highly recommended that a test patch be made on a small section. Inspect the patch after several days to determine if good adhesion has been achieved. Before application, apply liberally the 6065 DuraDek 32 Resin Fortifier and once tacky then the DuraDek Stamp Mix can be applied.

Mixing Equipment

1/2" drill, must be a slow or have variable speed controls
Mixing paddle
5 gallon pail

Mixing DuraDek Stamp Mix

A single 50-pound bag of DuraDek Stamp Mix requires 3 quarts of water and 2 quarts of 6068 DuraDek SM Stamp Mix Fortifier Concentrate, to acquire a trowel or gage rake application with a thickness of up to 1/2" over the primed surface. Color packs may be added to the wet mix at this time.

Low Temperature Application Instructions

While mixing in low temperatures, the use of 6086 TropiCrete Speed Up Topping Accelerator will help accelerate the mix to a normal set. NOTE: Do Not Apply under 50°F.

Use this chart for the amount of accelerator required per bag:

80°F +	0.39 oz.
70° - 79°	0.83 oz.
50° - 69°	1.09 oz.
33° - 49°	1.66 oz.
24° - 33°	2.45 oz.

NOTE: Do not use retarder if accelerator is being used.

Application

Put the amount of clean water and resin into the plastic container, proportional with the application desired. Mix only enough material that can be used within 30 minutes. Dry times may vary depending on weather conditions. Weather plays a critical roll in application, do not use in extreme temperatures or windy conditions. **NOTE: Do Not Over Trowel.**

Design and Color Option

DuraDek Stamp Mix product is white in color, once dry. It can be colored in a variety of colors with the addition of dry color packs. DuraDek Stamp Mix can be imprinted or textured using different designs of concrete stamps. A liquid release agent shall be applied evenly to the surface and the stamps prior to imprinting. While the mix is still setting, the concrete stamps shall be applied to the surface.

Clear Coat

Infinity Products IP250 STONE AGE Brick Paver & Concrete Sealer, or approved equal, shall be applied as per the manufacturer's recommendations after the surface has properly cured.

Safety

CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION! Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes. Ensure fresh air entry during application and drying. Wear an appropriate fitted respirator (NIOSH approved.) Wear eye protection. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. First Aid: In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

Storage and Disposal

Product should be kept from freezing temperatures or temperatures above 95°F. Refer to your local city or county government for instructions on disposal options.

Safety

WARNING! HARMFUL IF INHALED OR SWALLOWED. SEE LABEL OR SDS FOR LIST OF HAZARDOUS INGREDIENTS. INHALATION IS KNOWN TO CAUSE CANCER OR DELAYED LUNG INJURY. MAY CAUSE SKIN AND EYE BURN OR IRRITATION. KEEP OUT OF REACH OF CHILDREN! Read and understand the SDS (Safety Data Sheet) before using this product.

Avoid contact with eyes and skin. This product contains hydraulic cement and lime. Avoid breathing dust. When mixed with water and/or latex, it results in a solution that is highly alkaline and may burn or irritate the eyes or skin. Wear safety glasses or goggles, protective clothing, shoes, and gloves to prevent eye and skin contact. Do not take internally. Wear a respirator approved for protection against crystalline silica dust.

This product contains crystalline silica. Prolonged exposure to crystalline silica dust is known to cause lung cancer or delayed lung injury, including silicosis. Take steps to eliminate or control dust while handling this product.

Warning: This product contains a chemical known to the state of California to cause cancer. First Aid: If swallowed, get immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel. In case of contact with eyes or skin, flush eyes or skin thoroughly for a minimum of 15 minutes with clean water and get prompt medical attention. Wash clothing and thoroughly clean shoes before reuse.

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