



NATIONAL CONCRETE PRODUCTS

STAMP MIX

INTERIOR/EXTERIOR STAMP MIX

QUICK FACTS

PRODUCT NAME	Stamp Mix
PACKAGING	50 lb. Bag (22.7 kg)
FORMULAS	Standard Formula, Summer “ST” Formula
DENSITY	132 pounds/ft ² (2114 kg/m ²)
COVERAGE*	3/8” Thickness = 15-18 ft ² (1.4 – 1.7 m ² @ 9.5 mm) 1/4” Thickness = 20-24 ft ² (1.9 – 2.2 m ² @ 6.35 mm)
MIX RATIO / WATER DEMAND	3.5 – 4 qt. (3.3 – 3.8 liter) water to 1-50 lb. bag (22.7 kg)
SHELF LIFE	12 months in unopened bag under normal conditions when kept dry and moisture free, and out of direct sunlight
CURE / SET TIME **	Initial Set: 6 - 8 hours Full Cure: 28 days

**Coverage rate depends upon application and substrate*

***When placed at air and substrate temperatures consistently between 50°F (10°C) and 90°F (32°C) during and within 48 hours of placement. Interior applications and cool, shady areas will take significantly longer to cure.*

DESCRIPTION

STAMP MIX is a stampable cement-based topping for beautifying both interior and exterior concrete surfaces. For existing plain concrete, it creates textures that resemble a whole array of designs: tile, cut stone, slate, boardwalk, brick, cobblestone, etc. with traditional concrete stamping tools. Costly tear-out and replacement of existing concrete is eliminated. STAMP MIX offers restoration, repair, resurfacing, architectural accenting, and surface protection of existing concrete. A cement-based bonding agent, must be used in combination with STAMP MIX to achieve the ultimate adhesion essential in a stampable overlay. It is seasonally user-friendly, available in standard formula and summer formulas for hot weather.

SURFACE PREP

The surface must be free of dust, dirt, oil, grease, paints, glues, sealers, curing agents, efflorescence, chemical contaminants, rust, algae, mildew and other foreign matter that may serve as a bond breaker. Any concrete must be sufficiently cured to have sufficient hydration, approximately 7 - 14 days depending on temperatures and humidity. No system should be placed

upon concrete that is flaking, spalling, or has hibernating spalling. Proper profile should follow the standard established by the International Concrete Repair Institute (ICRI) Technical Guideline no. 03732 for Concrete Surface Profile (CSP).

Some areas may require patching or crack treatment prior to application of Stamp Mix.

MIXING

1. Add water, approximately 3.5 qt. (3.3 liter) to a 5 gal. (18.9 liter)
2. Add 1 – color pack if desired.
3. Mix with a handheld concrete mixer, such as an Eibenstock model #EHR 20R or a ½" (12.7 mm) 450–600 rpm drill equipped with a cage mixing blade for a minimum of 15 seconds.
4. Slowly introduce STAMP MIX into the pail with mixer running.
5. Scrape side of pail with a margin trowel to ensure all dry product is incorporated into the wet mix.
6. Continue to mix for a minimum of 1 minute after all ingredients are combined to achieve a lump-free consistency.
7. Additional water may be added up to 4 quarts (3.8 liters) total for 50 pound (22.7kg) bag.

APPLICATION

Bond Coat

1. The surface should be saturated, surface dry (SSD or damp, no puddles).
2. Pour a generous ribbon of STAMP MIX and spread with squeegee over an area that corresponds to the area to be covered by STAMP MIX that was mixed.

Stamp Coat

1. While the cement bonding agent is still wet, pour the mixed STAMP MIX onto surface.
2. Gauge rake the product to the appropriate height for stamp selected .” - 3/8” (6.35 – 9.5 mm).
3. Smooth the surface of product with a metal squeegee, pool trowel, fresno, or “magic trowel.” If surface is excessively “sticky,” an evaporation retarder misted ahead of the tool is appropriate.

Stamping

1. Allow product to begin to dry, yet remain plastic. The surface will lose its wet sheen and yield to the touch with very little if any sticking to finger.
2. Spray stamp release liquid from a solvent resistant pump-up sprayer onto stamping tools and onto surface to be stamped.

3. Progressively place stamps as product achieves appropriate dryness as described above and following the customary pattern of concrete stamping techniques will yield numerous pleasing finish coats.

Sealing

To complete a STAMP MIX project, sealing is required. Exterior jobs will require sealing with an acrylic sealer, due to its vapor permeability.

CLEAN-UP

Before STAMP MIX dries, spills and tools can be cleaned up with water.

WARNING

KEEP OUT OF REACH OF CHILDREN. Inhalation: Avoid prolonged breathing of airborne dust, particularly present during mixing. Use NIOSH approved respirator for nuisance if threshold limit values are unsafe. **Skin Contact:** Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. **Eyes:** Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 minutes. If symptoms persist, seek medical attention.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller’s option. Manufacturer shall not be liable for cost of labor or direct and/or incidental consequential damages.