



IMPRINTA

STAMPABLE OVERLAY

TECHNICAL DATA & APPLICATION INSTRUCTION

PRODUCT DESCRIPTION

Kingdom Products' Imprinta Stampable Overlay is part of the Impressionaire Floor & Wall System and made with the finest blend of German micronized polymers and the best blends of American made cements and aggregates. **Imprinta** was designed to achieve beautiful realistic & varied appearances of stone, wood, tile and brick. **Imprinta** can be applied over concrete, block, foam, brick or metal with proper surface preparation.

BENEFITS & FEATURES

- Stampable!
- Interior / Exterior
- Inexpensive solution to tear-out
- Built In Skid Resistance
- Use on Vertical or Flatwork
- Low Build (1/4" - 1/2")
- Can be integrally pigmented, stained or dyed

RECOMMENDED APPLICATIONS

- Building Entrances & Steps
- Cover repaired or discolored concrete
- Driveways, sidewalks, garages, patios, pool decks, porches
- Shower walls
- Add texture or stamp pattern to existing standard concrete
- Vertical Applications < 1/2"

TECHNICAL INFORMATION

Working Time.....dependent upon environment	Wet Appearance.....Dark Gray
Drying Time.....1 - 2 hours	Dry Appearance.....Light Gray (Natural Gray)
Re-Coat Time.....1 - 2 hours	Concrete Adhesion.....Excellent
Foot Traffic.....24 hours	Freeze-Thaw 'Resistance'.....Excellent
Wheel Traffic.....5 days	Rain Concern.....not if forecast within 24 hours
Application Temp.....50°F - 85°F	

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times.*

APPROXIMATE COVERAGE RATES

On average, each 55 lb bag of Imprinta will cover:

- 25 to 28 sq ft @ 1/4"
- 15 to 18 sq ft @ 3/8"
- 12 to 15 sq ft @ 1/2"
- **Universal Primer Activator (UPA)** when cut with 2 parts water, will activate 12 bags of **Imprinta Stampable Overlay**

STORAGE

Do not subject material to moisture prior to use. Keep product in a cool dry location, free from direct sunlight. In cold climates, store the product at room temperatures and bring product to a temperature range of 60° to 80° prior to use. Colder material will take longer to achieve final set time, while hot material may set very quickly. Avoid storing directly on top of a concrete slab. Place a barrier between the bags and the concrete floor (i.e. plastic, pallet, etc).

PACKAGING & SHELF LIFE

Imprinta Stampable Overlay is stocked and sold in 55 lb bags. Shelf life is one year from the date of manufacture as long as the product is stored as recommended. To extend shelf life, transfer material to a tightly sealed plastic pail with a gasketed lid.

Properly prepare substrate for adequate surface profile and cleanliness. Surface profile should be no less than (CSP 1). Any loose concrete surface, cracks, or depressions must be removed and or repaired prior to application of any overlay material. Apply Imprinta to a **cured** concrete surface only. All surfaces to be coated must be free of all bond breaking contaminants including but not limited to, dust, dirt, debris, loosely adhered materials, oil, paint & sealer. To ensure excellent performance, clean area to be repaired by mechanical means using surface grinder, diamond cup wheel or similar type tooling. Dust created by prep work should be removed by flushing area with clean water. Acid etching using *Majestic Surf Prep* coupled with mechanical agitation with a 175rpm floor scrubber fitted with a nylon grit brush, will provide excellent surface preparation for non-sealed surfaces. **Note:** If using *Majestic Concrete Prep* as a preparation method, the final rinse should contain a neutralizing agent such as ammonia or baking soda with water. If substrate was previously sealed, use a surface grinder to remove existing sealer and to open up the pores of the concrete, this will allow proper adhesion. Allow the surface to dry out completely before beginning application.

APPLICATION

MIXING / ACTIVATE: Imprinta Stampable Overlay needs to be activated/mixed with diluted **Universal Primer Activator (UPA)**. Dilute (5) gallons of the **UPA** with (10) gallons of clean, ideally room temperature water, making a total of (15) gallons of diluted solution. (1) 5 gallon pail of **UPA**, when cut with (2) parts water, will activate (12) bags of Imprinta.

Each 55 lb bag of Imprinta requires 1.25 gallons (160 oz.) of diluted **UPA**. Add mix water to a clean mixing vessel. Add Imprinta powder to the mix water. Blend with a paddle type mixer until the mixture reaches a homogenous blend. Mixed product should be slightly thicker than the consistency of pancake batter. **NOTE:** If coloring integrally, add the precise ounces of liquid iron oxide pigment to your mix water before adding the powder.

APPLICATION: Apply a liberal application of **Universal Primer Activator** to the substrate with a brush or roller. Brush your edges and use a roller for large open spaces. Allow the **UPA** to turn from a milky white to a clear sticky fluid prior to the application of the Imprinta.

Mix Imprinta as directed above. Pour the Imprinta onto the surface and place material with a gauge rake, set to the desired thickness. Smooth out any lines with a smoother, fresno trowel or tool of your choice. **CAUTION: DO NOT OVERWORK** the Imprinta. Overworking this material will close up the pores of the surface, which will trap air and moisture below the surface, promote bubbling and eventually lead to surface delamination.

Allow the placed material to set to a point where it is still pliable on the surface. You should be able to leave an imprint in the surface with your thumb, without the material sticking to your thumb. The amount of time to set up is completely dependent upon the environmental conditions.

STAMPING: Apply a fine coating of Liquid BubbleGum Release Agent to the stamp face ONLY. **DO NOT** apply the BubbleGum to the surface of the overlay, as the material will stay too soft for too long and it will not hold an impression. **DO NOT** use a tamper when stamping, use your body weight only. Proceed to stamp until completed. Allow product to dry completely.

If integral color has not been used, *Kingdom Products* recommends using a stain like the *Old World Stain* for the base color. Apply your secondary highlight color using *Mystique Antique Color Wash*.

SEALING: Allow to dry completely before applying the sealer of your choice. Imprinta may be sealed with a water based or solvent based sealer. *Kingdom Products* recommends a film forming sealer to provide both gloss and stain resistance.

NOTE: Overlays will absorb color and sealer at a higher rate than standard concrete so your coverage rates will be reduced.

SPECIAL NOTES

Please consult Safety Data Sheet (SDS) and Technical Data Sheets (TDS) and read Warranty information prior to use. **FOR PROFESSIONAL USE ONLY!** Always install a test area or job site mock up for owner approval of acceptable color, texture, finish adhesion and any other critical requirements prior to proceeding with the installation. Verify that the most current versions of the Technical Data Sheets (TDS) and installation guidelines are being utilized.