



Thin Stamp Overlay

PRODUCT DATA

Concrete Finishes

LIFETIME FLOORS
Thin Stamp Overlays

Description

LifeTime Floors (LTF) Thin Stamp Overlay is a two-component polymer modified cementitious stampable overlay. When applied in conjunction with color, stains and sealers, it produces a decorative paving finish similar to imprinted concrete. Typically applied at ¼ - to 3/8 inch thickness, LTF Thin Stamp Overlay can be used interior and exterior, residential, commercial, municipal, and industrial construction. It's very high compression strength and can be left exposed to traffic; regular maintenance is recommended. Most imprinting tools can be used with LTF Thin Stamp Overlays.

Yield

Approximate coverage is as follows:

Stamp	Coverage Rate
1/4 inch	22 square feet
3/8 inch	17 square feet

Packaging

50 lb (25 kg) multi-wall bags

Color

Gray or white base

Shelf Life

18 months when properly stored

Storage

Store unopened packaging in a clean, dry area protected from sunlight at 50-90°F (10 to 32°).

Features

Looks like imprinted concrete and functions as a durable concrete surface.

Good solution for interior and exterior applications.

Provides a water-proof decorative floor finish.

Tint packs can be added to integrally color the material before application

Benefits

Easy to install, virtually odorless and environmentally safe.

Provides fast track construction. Allows a delay of installation after heavy construction is complete.

Installs quickly and can be installed same time as other floor coverings and finishes.

White or gray base

Where to Use

APPLICATION

- Both in interior or exterior spaces
- Where textured surfaces are desired
- Over new or existing concrete
- Residential, commercial, municipal, and industrial

Application

Installation Summary

LTF Thin Stamp Overlay is installed by experienced, independent applicators throughout the United States and Canada.

How to Apply

Surface Preparation

1. Perform surface preparation in compliance with ICRI Technical Guideline No. 03732 "Selecting and Specifying Concrete Surface Preparation for Sealer, Coatings and Overlays." CSP 2-3 profile.

2. Remove all deteriorated concrete. Substrate should be free of dirt, oil and contaminants. Roughen the surface by mechanical methods such as sandblasting, shot blasting or other suitable means. Do not use a method of surface preparation that will fracture the concrete.

3. Fill, repair and level any damaged areas deeper than ½ inch before topping application.

4. Apply LTF Thin Stamp Overlay primer to clean, dry concrete.

5. Honor any expansion joints and saw cuts with metal stripping or control joints.

Mixing

1. In mixing tub, pour half of the LTF Multi Purpose liquid mix. Stir. (Include bottom)

2. Add Tint pack to mixing tub. Mix 3 minutes or until dispersed evenly

3. Add one gallon of tinted liquid with 50 lb bag of Thin Stamp Overlay. Mix together

4. After mixing is free of lumps, apply Thin Stamp Overlay mix immediately. Working time is approximately 30-60 minutes depending on humidity.

Application Steps

Liquid Primer

Dilute LTF Thin Stamp Overlay mix 1-1 (50%) with clean, cool water to make liquid primer.

With Pump-up sprayer, paint roller or brush, apply primer to 150-250 sq.ft per gallon.



Body Coat

While primer remains tacky, apply body coat. Spread mix and strike only one or two times. Do not overwork surface. Imprinting tools will eliminate surface imperfections.

Imprinting

1. Allow LTF Thin Stamp Overlay mix to cure. Press finger into mix. If finger leaves imprint without material sticking to them, proceed.
2. Apply liquid release to imprinting tools and onto the surface.

Stamping

1. Align and lay stamps into materials.
2. Imprinting tools with skinny joint profiles and 45-degree relief edges work best.
3. Smaller aggregates require less aggressive manipulations. Gentle malleting is necessary.
4. Gently lift both edges to relieve suction between surface and tool. Use proper tools for handling and edge cleaning.

Staining and Sealing

For antiquing, staining, and coloration treatments, follow appropriate application guidelines. Choose sealers best suited for application, traffic, use, maintenance and exposure. It is best to wait 1 day before staining and sealing.

Clear Sealer

Apply sealer by sprayer, brush or roller.

For Best Performance

- Materials must be stored and mixed at temperatures of 65-80°F (18-26°C).
- Never apply LTF Thin Stamp Overlay mix below 55°F and never allow product to freeze.
- All curing agents, sealers and hardeners must be removed from concrete prior to primer application. Prep using mechanical shot blasting, grinding or power scarifying.
- Be sure to use all the provided polymer resins. Scrape hardener from container.
- Do not turn mixing vessels upside down to drain on flooring surface.
- Keep unfinished flooring surface clean.
- Do not track dirt, grease, and other contaminants onto unfinished flooring.
- Good ventilation must be provided during application.
- Always obtain, read and observe Manufacturer's Safety Data Sheet before handling.
- This application is not designed to bridge cracks, working joints, dynamic cracks or expansion joints.

Health and Safety

LTF THIN STAMP OVERLAY

Caution

Risks

Eye irritant. Skin irritant. Causes burns. Lung irritant. May cause delayed lung injury.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with eyes. Wear suitable protective eyewear. Avoid prolonged or repeated contact with skin. Wear suitable gloves. Wear suitable protective clothing. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wash soiled clothing before reuse.

First Aid

Wash exposed skin with soap and water. Flush eyes with large quantities of water. If breathing is difficult, move person to fresh air.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects, or reproductive harm.

VOC Content

0lbs/gal or 0 g/L

Waste Disposal Method

This product when discarded or disposed of is not listed as a hazardous waste in federal regulations. Dispose of in a landfill in accordance with local regulations. For additional information on personal protective equipment, first aid, and emergency procedures, refer to the product Material Safety Data Sheet (MSDS) on the job site or contact the company at the address or phone numbers given on the bottom of the first page.

For medical emergencies only, call Chem Trec (1-800-424-9300)

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