



Thin Stamp Overlay

Two component, bag/liquid polymer modified and fiber reinforced topping
Applied 3/8" to structurally sound concrete
Packaged 50 lb dry bags and 1 and 5 gallon Multi Purpose Liquid pails
Applied to indoor or outdoor applications - freeze thaw compatible
Coverage rate - 17 square feet per 50 lb bag @ 3/8" thick

Lifetime Floors Thin Stamp Overlay Application

Substrate - Concrete substrate must be profiled by either a diamond grind or shot blast, then cleaned thoroughly.

Surface Saturate - Once concrete has been profiled, surface saturate with a pump-up sprayer with a fine mist. Interior surfaces may require multiple re-wetting applications if base continues to dry out. Surface should be surface saturated dry (SSD).

Prime - Once surface has been saturated, priming should be done immediately prior to applying Thin Stamp. Priming can be done one of two ways.

1. Liquid Bond Coat -- Apply undiluted Multi Purpose Liquid with a fine mist sprayer and brush into surface. When using this technique make sure to apply Thin Stamp while liquid bond coat is still wet. DO NOT allow to dry out. If it dries, apply another wet coat on top. See mixing instructions below.
2. Scratch Coat (preferred method) -- Use a trowel or metal squeegee to apply a very thin layer of fluid Thin Stamp mix (milk shake consistency, 1/16" thick) to surface just prior to applying Thin Stamp topping. Do not allow to dry because it could act as a bond breaker. See mixing instructions below.

Mixing - Follow the mixing directions below.

1. Liquid Bond Coat: Multi Purpose Liquid undiluted, agitate before using. Apply by spraying.
2. Scratch Coat: Mix one 50 lb bag with undiluted 1.25 gallons of Multi Purpose Liquid. Mix should be very fluid. Coverage rate: 100 square feet per bag.
3. Stamp Coat: It is extremely important that each mix contains the same amount of bonder to ensure set times are consistent.
 - Pre-mix Multi Purpose Liquid with water 1:1. Mix dry bags with diluted Multi-Purpose mixture and agitate with drill.
 - Mix approximately 3.5 quarts of pre-mixed bonder for one 50 lb bag of dry mix. Mix with mortar paddle for approximately 2-3 minutes. Batches with multiple bags can be mixed using the same liquid-to-dry mix ratio.

Helpful Tips

- Can be allowed to sit for several minutes, then can be re-tempered.
- Use less pre-mixed bonder in cooler temps.

Application - Trowel into place.

1. Apply Thin Stamp on surface with a gauge rake at 3/8" thickness.
2. For risers and vertical surfaces:
 - Prime the same.
 - Mix product to stiffer consistency to avoid sagging.

Helpful Tips

- Use overlay spikes
- Hand trowel tighter spaces.

3. Once product is gauge raked, lightly mist with water and close surface up with a pool or "funny" trowel. Do not overwork or air bubbles will appear. Surface will be very sticky and extremely hard to close up if water is not used, however, be careful not to overwater.
4. Allow to set for approximately 1-2 hours until stamping. Apply a liquid release agent only. Do not use powder. Set times will vary depending on site conditions.
5. Once stamped, let cure a minimum of 24 hours before applying sealer.