



Polymer Modified, Fiber reinforced, Stampable Cementitious Coating

PRODUCT DESCRIPTION

SunStamp is a two-component, fiber-reinforced, stampable cement overlay, capable of obtaining excellent adhesion to dry, properly prepared concrete. SunStamp can be stained or dyed to SunStain and SunDye standard colors, and can incorporate an infinite number of patterns and color effects. Our Integral Color (IC) option, incorporates integral color into the mix process; thereby, minimizing the number of steps required to achieve many desirable decorative looks. Using one of our four colored Antiquing Release Powders (ARP), the installer can mottle the SunStamp IC (SunStamp with Integral Color) during the stamping process. SunStamp releases soils easily making it easy to clean and has excellent resistance to a broad range of chemicals. SunStamp was developed as alternative to stamped concrete, eliminating the need to remove the existing slab. Because of its capabilities for large array of patterns and color effects, is the optimal choice for driveways, patios, entryways, sidewalks, and balconies.

COLORS: SunStamp IC is available in 10 integral colors with 4 color options for antiquing release. SunStain H2O and SunDye can be used with SunStamp and/or SunStamp IC to provide an infinite number of color options.

TECHNICAL INFORMATION

Diluted Additive	4 - 4.5 qts	Dry to the Touch.....	2 hours
Pot Life.....	20-25 minutes	Light Traffic	4 hours
Coverage.....	25-30 sq.ft./bag	Full Cure	72 hours
Typical Thickness	1/4"	Bond Strength (ASTM C297).....	469 psi
Freeze/Thaw (ASTM C-67)	No Breakage <1% wt loss	Slip Resistance (SCOF, ASTM C-1028).....	0.81 Wet, 1.03 Dry

Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

GENERAL INFORMATION

Moisture Vapor Emissions/Alkalinity Precautions

It is the coating applicator's responsibility to conduct moisture vapor testing to determine if excessive levels of vapor emissions or alkalinity are present before applying any coatings. Contact Technical Services for additional support. Sundeck Products USA, Inc. and its sales agents will not be responsible for coating failures due to high moisture vapor emissions or related levels of alkalinity.

Surface Preparation

Surface must be absolutely clean, dry and free from all dirt, wax, oil, chalk, incompatible paint or detergent film. Preparation must be done by shot blasting or diamond grinding. Surface must have a CSP of 2-3, resembling 80-100 grit sandpaper. If diamond grinding, be careful not to polish the surface. 30 grit diamonds are recommended.

Mixing Instructions

For Base Coat application, mix 6 quarts of diluted pre-mixed Sundeck Additive (2 part water, 1 part Concentrated Additive) with each 45 lb bag of 112 Premix. Mix for 2 minutes with a mortar mixer.

TECH - ARP SHEET

SunStamp - GENERAL INFORMATION CONTINUED

Mixing Instructions Continued

For SunStamp IC application: Add 4 quarts of diluted Sundek Additive to a clean 5-gal pail. Add the entire contents of one pre-weighed Sundek IC Tint Pak to the additive. Take care to dump the IC Tint Pak down in the pail to avoid the contents flying out of the bucket. Mix the Tinted Additive for at least 1 minute to ensure full dispersion. *Failing to premix the IC Tint Pak thoroughly will result in color streaks during application.* Then while mixing, add the 50 lb bag of SunStamp to the Tinted Additive. Mix thoroughly for a full 2 minutes. If the mix is too dry, you can add up an additional 1/2 quart of diluted additive to the mix. Let it rest for 2 minutes, then hit it with the mixer again for a few seconds.

For standard SunStamp applications mix as above, but omit the IC Tint Pak portion.

It is critical to mix each bag exactly the same way and with the same amount of Additive to ensure consistent coloring bag to bag.

If using Antiquing Release Powder for your mottling effects, mix 2 yellow 1 oz scoops of the Sundek Antiquing Release Powder to 1 gallon of Sundek Liquid Release in a pump up spray bottle. Mix thoroughly by shaking.

Application Recommendations

If over a non-coated substrate, spray or roll diluted Sundek Additive at a rate of about 300 sf/gal.

If over a coated surface, dilute SunEpoxy54 up to 20% with water and prime. It is critical that you apply your Base Coat into the SunEpoxy54 Primer while it is still wet; otherwise, the primer becomes a bond breaker.

For Base Coat applications, trowel, squeegee or hopper gun spray application may be used to achieve about 200-300 sf/gal coverage. Allow the Base Coat to dry thoroughly, ideally overnight.

Apply SunStamp and/or SunStamp IC by trowel or gage rake at about 1/4" thickness to achieve a coverage of approximately 25-30 sf/bag. Allow it to set for about 20 minutes (adjusting for environmental conditions). When the material deglosses and does not stick to your finger when touching it, it is ready to STAMP. Take clean Stamp(s) and spray with the Liquid Release, and commence stamping the product. If using tinted liquid release, you may want to sponge up excess puddled release in the depressions to lessen the impact.

Allow to cure overnight before staining or making color adjustments.

Precautions & Limitations:

- Application Temperature - Slab and ambient temperature must be at least 40°F and rising.
- Applying SunStamp in direct sunlight during the heat of the day will dramatically increase shrinkage cracking.
- Do not use on unprimed substrates
- Cementitious coatings must be applied 'wet on wet' over SunEpoxy54

Handling Precautions

Avoid contact with skin, wear protective gloves. Read Material Safety Data Sheet before using.

Slip and Fall Precautions

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip-resistance on pedestrian surfaces. The current coefficient of friction required by ADA is 0.6 on level surfaces and 0.8 on ramps. Sundek Products USA, Inc. recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Sundek Products USA, Inc. or its sales agents will not be responsible for injury incurred in a slip and fall accident.

WARRANTY INFORMATION

Sundek Products USA, Inc. guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. SUNDECK PRODUCTS USA, INC. MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Sundek Products USA, Inc. shall not be liable for damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. Sundek Products USA, Inc. shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.

TECH - APP SHEET