

TECHNICAL DATA SHEET

SC-100

EPOXY SEAL COAT

Description

SC-100 Seal Coat is a two-part 100% solid clear epoxy sealer designed for use with American Safety Technologies polymeric deck flooring systems.

It is intended for use in light traffic areas on interior metal decks in habitability, sanitary and other wet spaces.

Mixing and Application

SC-100 Seal Coat is supplied in 1/2 gallon kits. The two-part kit is pre-measured to correct ratio. Thoroughly mix part A and part B for 3-5 minutes with a slow speed electric drill and Jiffy® Mixer type blade.

NOTE: Do not attempt to mix by hand. Improper mixing will result in improper cure; "sticky" and/or soft spots.

The **SC-100 Seal Coat** has a working "pot life" of approximately 25-30 minutes at 70°F. The material should be stored overnight in a cool place (approximately 70°F) prior to mixing. The higher the temperature, the shorter the "pot life". Coverage will vary according to the amount of vinyl flakes used.

Make sure to secure all pipes, faucets, and fittings that may be a potential moisture leak. Turn off air conditioner and secure vents that may cause a direct air draft on the surface.

Epoxy resins and water do not mix. Make sure to keep moisture away from the new seal coat for at least 12 hours (at 70°F) prior to drying; moisture will cause the seal coat to "blush" white.

Specifications

V.O.C.

- 0 lbs. per gal.
(0 grams/liter)

Volume Solids (%)

- 100%

Pot Life

- 25-30 minutes @ 70°F

Dry Time Hours

- To Touch: 8-12
- To Recoat: 12-24

Estimated Coverage

- 1/2 Gallon Kit
- 80 sq. ft. First Coat
- 120 sq. ft. Second Coat
(coverage varies)

Weight per 1/2 Gallon Kit

- 5 lbs.

Flash Point

- >200° F

Packaging

- 1/2 gallon kit

Using a short nap (no "fuzz") or sponge roller, re-seal with **SC-100 Seal Coat**. Along the base of the cove (or bulkhead) use a small, soft, paint brush to "cut in" areas where the roller will not reach. (Make sure the brush leaves no bristles). Work quickly to avoid having material "set up" before being spread.

Avoid thick and thin spots. When dry; these will show up as shiny and dull spots.

Totally secure the area. Seal off door vents and other open spaces that may allow dust, trash, water and other contaminants to reach the wet sealer during dry time.

Allow to dry for minimum of 24 to 48 hours at 70°F (plus) before opening to light foot traffic and turning on air conditioning. Continue to protect from excessive moisture and standing water. Curing will continue for up to 6 days; according to temperature and humidity.

The longer the new material is allowed to cure (and stay dry); the better the performance of the new deck. If at all possible; do not put the space back into full service for at least 3-4 days.

After 48 hours at 70°F (plus), the area may be covered with heavy paper (such as brown or white wrapping paper) or other covering materials that allow the surface to "breathe". Some heavy covering materials such as plastic or plywood may slow the cure and/or trap moisture; causing the surface to become opaque or white.

NOTE: Should the surface be exposed to water/moisture during cure time and "blush" white or be damaged in any other way; it may be necessary to sand and re-seal as per instructions above.

CAUTION

Read Material Safety Data Sheet before using this material.

Contains epoxy resins. Catalyst contains Amines. Use only with adequate cross ventilation. Keep away from extreme heat, sparks and open flame. Avoid prolonged breathing of vapors. For dizziness, seek fresh air. Toxic material. Avoid contact with skin. Use gloves, goggles and coveralls. In case of spillage on clothing, change clothing to prevent prolonged contact with skin. Wash contaminated clothing before reuse. Discard contaminated shoes. In case of accidental contact with skin, wash immediately with soap and water. In case of eye contact, flush thoroughly with plenty of water and call physician. If swallowed accidentally, do not induce vomiting. Seek medical attention immediately.

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