



SunVap Tie Coat

PRODUCT DESCRIPTION AND USE

SunVap Tie Coat is a two component, fast drying water-based epoxy formulated for use over non-porous surfaces such as SunVap moisture mitigation system. It insures the adhesion of subsequently applied cementitious overlays. SunVap Tie Coat adheres tenaciously to hard glossy surfaces and provides an excellent bonding surface for the overlay. It dries in 30-60 minutes depending upon job conditions and is safe and easy to use.

Chemical Composition

Epoxy resin dispersion cross linked with a water-soluble amine adduct.

Colors

Off White

TECHNICAL DATA

Physical Properties

Mixing Ratio, by Volume	1-1
Solids Content by weight	48%
Volatile Organic Compounds	40 grams/liter
Pot Life (77°F)	4-6 hours
Dry time for cementitious overlay application	15-60 minutes
Higher temperatures, lower humidity and increased air movement will decrease time.	
Lower temperatures and higher humidity will extend dry time.	
Adhesion to SunVap 100	
(after overnight cure or fully cured) ASTM D-4541	450 psi, substrate failure
Spread rate over SunVap 100	350-450 sq. ft. per gallon

GENERAL INFORMATION

Surface Preparation

Coated surface must be clean and free of amine blush. Amine blush can occur in amine cured epoxies and result in a greasy exudation that will interfere with the adhesion of subsequently applied coatings. APF epoxies are formulated to resist blushing. If blushing has occurred, the surface must be sanded with 80 grit sandpaper or scrubbed with a floor machine and general purpose cleaner. Allow the surface to dry before proceeding.

T
E
C
H
-
A
P
P
S
H
E
E
T

Mixing Instructions

SunVap Tie Coat is a two component material. The mix ratio is 1 part A to 1 Part B. Premix both parts before combining. Proportion the amounts carefully. Mix for 2 full minutes using a low speed drill, scraping the bottom and the sides of the mixing vessel. Reduce with 10% water (approximately 12 oz. per mixed gallon). Mix again for 30 seconds.

Application Instructions

Material may be applied out of a pump-up sprayer and back rolled using a ½ inch nap roller. The product may be applied out of a 5 gallon pail using the dip and roll method. Apply at 350-450 sq. ft. per gallon. Roll out well and do not leave puddles.

Handling Precautions

Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin; wear protective gloves. Read Material Safety Data Sheet before using.

WARRANTY INFORMATION

Sundeck 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. Sundeck Products USA, Inc. shall not be liable for damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. Sundeck 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.