



# SunOne BASE

**98% Solids, Polyurea Prime/Base Coat**

## PRODUCT DESCRIPTION

SunOne BASE is a two-component, 98% solids, VOC compliant polyurea developed as a prime/base coat for a variety of high performance coatings systems. SunOne BASE has an extended open time which allows users to coat larger areas prior to broadcasting flakes or quartz. Adhesion and broadcast consistency is also improved due to the longer open time.

- “Tacky” longer (open time) providing more time to broadcast flakes and quartz
- Better adhesion of flakes and quartz on vertical (cove base) applications
- Higher solids (98%) resulting in less odor than SunOne 80
- The perfect Prime/Base Coat for flakes and quartz, but NOT suitable for a top coat
- Field Tint using SunOne BASE Color Paks. These colors will also work for SunOne 80

**COLORS:** Clear or choose from 16 different SunOne BASE pigment packs.

Note: SunPak Color Paks are intended for SunOne 80 and are NOT compatible with SunOne BASE.

## TECHNICAL INFORMATION

Solids.....	98%	Wet Appearance.....	Clear
Dry Time (Tack Free) .....	2-4 hours	Dry Appearance.....	Clear
Re-Coat Time.....	2-12 hours	VOC Content.....	<50 g/l
Foot Traffic.....	3-4 hours	Blush Resistance.....	Excellent
Wheel Traffic.....	24 hours (recommended)	Solvent Resistance.....	Excellent
Application Temp.....	30°F - 120°F	Concrete Adhesion.....	Excellent
Mix Ratio.....	2 Parts A : 1 Part B	Coverage.....	250 to 350 sf/gal

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. Fully cured, previously coated surfaces must be cleaned and sanded lightly with 80-100 grit sandpaper or otherwise mechanically abraded before recoating. New concrete should be allowed to cure 30 days, then laitance removed by grinding or acid etching.

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## SUNONE BASE POLYUREA - GENERAL INFORMATION CONTINUED

### Mixing Instructions

The material is supplied in pre-measured kits for easy proportioning. Add the entire contents of the Part B container to the Part A. The mixing ratio is 2 Parts A to 1 Part B by volume. **When using pigment packs, add entire content to part A before mixing with part B—see instructions below.** Premix Part A & Part B for 30-60 seconds using a slow speed drill or stir stick prior to combining the two components. Avoid a vortex and do not entrain air into the mix. Additional solvent (Acetone or MEK) may be added up to 10% to further lower the application viscosity and extend the work time. Typical potlife is 20-25 minutes at 50% humidity. The higher the heat and/or humidity, the shorter the potlife.

**Using the SunOne BASE Color Pak:** One 32 oz bottle of the SunOne BASE Color Pak properly tints 3 Gallons of SunOne BASE or SunOne 80. Do not use SunPak (SunOne 80 Color Paks) in SunOne BASE. Mix the 32 oz bottle with the 2-Gal Part A for 1-2 minutes.

### Application Recommendations

Easy application is accomplished by rolling (dip & roll) or by pouring the freshly mixed product on the floor, spreading to the desired thickness with a flat trowel or rubber squeegee and finish rolling immediately with a 3/8" synthetic nap, phenolic core roller. The mechanic rolling the material should wear spiked shoes to walk on the wet material. 18" Squeegees and rollers yield the best results.

**RECOAT: SunOne BASE must re-coated within 12 hours. If beyond 12 hours, the coating must be sanded or screened with a 120 grit screen or equivalent.**

### LIMITATIONS:

- Material temperature should be a minimum of 50°F before using.
- SunOne BASE is designed to be a Prime/BASE Coat ONLY.
- Tint only with SunOne BASE Color Paks.
- Contains solvent, so fumes will be present. Secure HVAC systems and extinguish exposed pilot lights when installing. Properly ventilate the space through installation and curing.

### Handling Precautions

Avoid contact with skin, wear protective gloves. Read Material Safety Data Sheet before using. Temperature of the material should be at least 50°F 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. Sundeck 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. Sundeck Products USA, Inc. or its sales agents will not be responsible for injury incurred in a slip and fall accident.

### 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.

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