



PRODUCT DESCRIPTION AND USE

SunSand is a Water base low solids Acrylic paint with a addition of slip resistant aggregates for extra abrasion resistant and clean ability properties. It has excellent adhesion to dry, properly prepared concrete. SunSand is a low viscosity, easy to handle product that gives high gloss finishes that are both hard and abrasion resistant. The material releases soils easily and has excellent resistance to a broad range of chemicals. It is a very fast curing material that allows coated areas to be returned to service quick for rapid turnaround projects.

Chemical Composition

Water base acrylic Finish Coat.

Colors

All SundeK Finish Coat colors or any special order if requested.

Limitations

- Surface must be mechanically prepared and dry.
- Do not allow to puddle. For fastest cure, keep wet film thickness below 8 mils (200 sq. ft. per gallon)
- Do not apply over un-primed surface.
- Slab and ambient temperature above 45 ° F.

TECHNICAL DATA

Physical Properties

Single Component product

Solids Content, by Weight	20%
Solids Content, by Volume	20%
V.O.C.	under 100 grams per liter

Dry Times (77°F, 25% R.H.)

Dry to Touch	1 hour
Light Traffic	2 hours
Vehicle Traffic	48 hours
Full Chemical Resistance..	72 hours

Performance Properties

Absorption (ASTM D570).....	12.7%.
Percolation (ASTM D1242) 48"/48hr.....	<1%.
Chemical Resistance (ASTM D229) 12 Reagents.....	Unaffected Gloss (60 degrees) 93

CHEMICAL AND STAIN RESISTANCE

Heavy duty detergent solution.....	no effect
Ammonia solution – 5%.....	no effect
Prestone coolant.....	no effect
Kerosene.....	no effect
Soap solution – 1%.....	no effect
Diesel fuel.....	no effect
Turpentine.....	no effect
Gasoline.....	no effect
Paint thinner.....	no effect
Tuolene.....	no effect
Industrial detergent.....	no effect
Salt 20% solution.....	no effect
Transformer oil.....	superficial darkening
Sulfuric acid – 3%.....	superficial bleaching
Sulfuric acid concentrated.....	considerable darkening
Hydraulic fluids.....	considerable darkening
Lubricating oil	superficial darkening

GENERAL INFORMATION

Moisture Vapor Emissions/Alkalinity Precautions

All interior concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission and related high levels of alkalinity that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride and relative humidity probe testing to determine if excessive levels of vapor emissions or alkalinity are present before applying any coatings. Sundeck Products USA, Inc. and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions or related high levels of alkalinity.

Surface Preparation

If application is done directly over concrete, the surface must be clean, dry and profiled.. Preparation must be done by shot blasting or diamond grinding. Surface must have a profile that resembles 100-120 grit sandpaper. If diamond grinding do not polish the surface. 30 grit diamonds are recommended. Vacuum the surface thoroughly after mechanical preparation. Fully cured, previously coated surfaces must be cleaned and sanded lightly with 80-100 grit sandpaper or otherwise mechanically abraded before recoating. If project allows, power wash clean the surface is also recommended

Mixing Instructions

Single component product, no mixing is required.

Application Recommendations

SunSand can be applied by ½ in nap roller or sprayed by airless. Coverage is going to be dictated by the profile over the surface being coated. Broadcast slip resistant aggregate onto wet surface the re-coat with finish coat to encapsulate aggregate.

Recommended coverage

For the material is 250-300 sq. ft. per gallon. Although, coverage is going to be dictated by the profile over the surface being coated.

Handling Precautions

Use only with adequate ventilation/or a cartridge type respirator designed to be used for paints. 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 .6 on level surfaces and .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.

