



Classic Texture

Polymer Modified Cement Overlay with Acrylic Topcoat

PRODUCT DESCRIPTION AND USE

Sundek Classic Texture is a two-component (112 or 113 Premix and 210 Sundek Additive) sprayed and knock down cement application. It is a material capable of obtaining excellent adhesion to dry, properly prepared concrete. Sundek Classic Texture is a cement coating that can be colored (via Sundek Finish Coat) to any of the existing 16 standard colors or to any special one requested by the end user, with the capability to incorporate about any pattern and color effect. The material releases soils easily making it easy to clean and has excellent resistance to a broad range of chemicals. It is a fast drying material and in many cases, areas being coated can be back to service the following day from completion.

Sundek Classic Texture was developed as a pool deck concrete resurfacing product due to its non skid properties, easy to clean and coolness under foot in hot climate conditions. The large array of patterns and color effects, make it equally ideal for use on driveways, patios, entryways, sidewalks, balconies, etc.

Chemical Composition

112 & 113 Premix: A proprietary blend of Portland cement with various sizes of aggregates, fillers and additional items to enhance performance, hardness, and durability.

210 Sundek Additive: A proprietary blend of polyvinyl acetate emulsion.

Sundek Finish Coat: A proprietary blend of acrylic emulsions with aggregate and pigments.

Colors

Bone White, Oyster White, Franciscan Tan, Indian Wheat, Mission Tan, Kahula, Tea N Cream, Sable, Mojave Sand, Terra Cotta, Brick Red, Tweed Gray, Pewter Gray, Peking Blue, Smoke Gray and Cumberland. Custom colors also available.

Limitations

- Surface must be mechanically prepared and dry.
- Concrete surface to be coated needs to be structurally sound.
- Do not install over soft surfaces such as vinyl or any rubberized coating.
- Do not install over metal or wood.
- Do not install if rain or cold weather is forecasted.
- Slab and ambient temperature above 40° F

TECHNICAL DATA

Physical Properties

Mixing Ratio:

Sundek Additive.....	1.5 quarts
Water.....	3 quarts
Sundek Premix.....	45 pounds
VOC Premix & Additive.....	< 50 g/l
VOC Select Finish Coat (<i>varies with color & pigment loading</i>)	< 150 g/l
VOC Premium & Premium Plus Finish Coat.....	< 100 g/l
Pot Life (77 degrees, 25% R.H.).....	15 minutes

Pot Life is reduced by increasing humidity and/or temperature.

Dry Times (77°F, 25% R.H.)

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

Performance Properties

Weights lbs/ft @ 3/16”	1.3 lbs
Thickness (Typical).....	3/16”
Bond strength (ASTM C297).....	469 psi
Accelerated Aging Test (ASTM A756 D & E).....	no effect
Freeze-Thaw (ASTM C-67).....	No Breakage < 1% weight loss
Slip Resistance (S.C.O.F.) (ASTM C-1028).....	.81 Wet - 1.03 Dry
Abrasion Test (ASTM D-1242).....	.0328 in = 3000 psi Concrete
Absorption Test (ASTM S-570).....	12.7%
Weatherometer (ASTM G23) 2000 hrs.....	no effect
Wind Uplift 1-52 Test Procedure @ 190 mph=.....	Recover Set/.020 in
Percolation Test (ASTM D-1242) 48”/48hr.....	<1%
Impact Resistance Mil D-3134 F.....	No Breakage/<.001 in
Fire Resistance (ASTM E108/UBCSTD #32-7/UL790).....	Class A

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. These test kits are available from SDP. 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

Etch, grind or shotblast the concrete substrate to achieve an ICRI Concrete Surface Profile (CSP) of 2-3, resembling 80-100 grit sandpaper. If diamond grinding take care not to polish the surface. 25-30 grit diamonds are recommended for grinding prep work. Before application of the basecoat, the surface must be clean and sound. **New concrete must be cured for a minimum of 7 days**

Mixing Instructions

For Base Coat application, mix per each 45 pound bag of Premix, 6 quarts of pre-mixed Sundeck Additive (2 parts water, 1 part Additive). Mix for about 2 minutes and then proceed to install. Apply with a squeegee at a coverage rate of 150-200 sf/bag. For rougher surfaces, including exposed aggregate, a second base coat may be required.

For Texture Coat application, mix per each 45 pound bag of Premix, 4-5 quarts of pre-mixed Sundeck Additive (2 parts water, 1 part Additive). Mix for about 2 minutes and then proceed to spray using the ¼" opening on the spray hopper to achieve a good stipple at a coverage rate of 150 sf/bag. When it starts to set, knock-down using a trowel to achieve the Classic Texture appearance.

Handling Precautions

Use only with adequate ventilation/or a cartridge type respirator designed to be used for concrete dust. Avoid contact with skin, wear protective gloves. Read 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. 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.