PRODUCT DESCRIPTION AND USE

Sundek Classic Texture is a two-component (112 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 17 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 most 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 hot climate conditions. Because of its capabilities for large array of patterns and color effects, is also being used on driveways, patios, entryways, sidewalks, balconies, etc.

Chemical Composition

112 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, Coral, Mojave Sand Terra Cotta, Brandy Wine, Brick Red, Tweed Gray, Pewter Gray, Peking Blue, Slate 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
- Select Finish Coat (varies with color & pigment loading): < 150 g/l
- 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): 0.0328 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
- Perculation 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

©2017 SUNDEK
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
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. Remove any hollow or none structurally sound surface. Power wash surface and remove any standing water to eliminate contaminant residue. 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 Sundek Additive (2 parts water, 1 part Additive). Mix for about 2 minutes and then proceed to install.

For Texture Coat application, mix per each 45 pound bag of Premix, 5 quarts of pre-mixed Sundek Additive (2 parts water, 1 part Additive). Mix for about 2 minutes and then proceed to spray.

Recommended coverage
For Base coat, 200-300 sq. ft. per bag is recommended, although substrate profile will dictate final coverage. For Texture Coat application, 150 sq. ft. per bag is recommended to achieve desired knock down texture effect.

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 .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.