

DESCRIPTION

Super-Krete® S-1800 Super-Stamp® is a single-component, cementitious product designed to create the look of natural stone, and any other desirable textures over existing concrete. Super-Stamp is a ready-mixed proprietary blend of a specially modified water-resistant, acrylic co-polymer resin mixed with various sized aggregates formulated to maintain a 1/4" thick profile that can be stamped or textured using specially designed tools and templates. Super-Stamp eliminates the need to remove and replace concrete whether new or old while beautifying and increasing curb appeal. Super-Stamp is revolutionary 1/4" overlay system, because other 1/4" overlay systems require a "wet-on-wet" application. Super-Stamp does not require the use of a bond coat or primer. Super-Krete Color Stains™ can be applied over the finished stamped product to create a natural look that resembles true stone, or a custom colored appearance (Refer to Spec. No S-1801 Single Component 1/4" Stamp Overlay). Super-Stamp is available in White and Gray. For detailed Stamp Overlay application instruction, refer to Super-Krete® Specification S-1801. This product is designed to be a part of a system and is not intended to be used alone.

USES

Super-Stamp is a versatile, easy to use material with a variety of uses in residential, commercial and industrial applications.

Interior / Exterior Applications	Commercial / Residential Use
Concrete Patching / Repairing / Resurfacing	Spalled / Deteriorated Conditions
Horizontal / Vertical Applications	Slip-resistant Surfaces
Pedestrian / Vehicular Traffic Surfaces	Sidewalks / Curbs
Planter Curbs / Walls	Pool Decks
Driveways	Masonry Walls
Concrete Restoration	Restaurants
Theme Parks	Malls
Hotels and Leisure Areas	Leveling Low Spots / Regrading
Anywhere a Textured, Decorative Surface is Desired!	

ADVANTAGES

<i>Super-Stamp is extremely versatile for any concrete resurfacing or repair project.</i>	
Ready-Mix Formula - Just Add Water!	Superior Bonding Capabilities
Requires No Bonding Agent or Primer Coat	Excellent Freeze / Thaw Resistance
Resistant to Extreme Temperature Conditions	Water Resistant
Non-Reemulsifiable	Environmentally Friendly and Safe
Non-Toxic	Highly Versatile
Can Eliminate the Need to Replace Concrete	Easy to Use
Exceptional Pot Life	VOC compliant
OSHA Compliant, Contains No Ingredients Required to be Listed by OSHA 1910 1200	



CSI RELATED SECTIONS

03 35 00 - Concrete Finishing	09 61 13 - Slip Resistant Flooring
03 53 00 - Concrete Topping	32 01 26.74 - Concrete Overlays
04 05 00 - Common Work Results for Masonry	

SURFACE PREPARATION

Before any Super-Krete products are applied over concrete, the slab must be free of sealers, any type of curing compounds and bond-breakers. Always refer to the Super-Krete Products Surface Preparation Guide for surface testing, cleaning, preparation and porosity requirements prior to applying Liquid Concentrate mixtures to any surface. Refer to Super-Krete Liquid Concentrate Mixing Ratio Chart.

Arizona Polymer Flooring recommends that all Super-Krete cementitious overlay product applications, over concrete, first be treated with Pene-Krete.



MIXING INSTRUCTIONS

Manual – For Mixing Low Volumes

Add 4 quarts of clean water to a container and add 1 (50 lb) bag of White or Gray Super-Stamp to the water while agitating with a hand drill and paddle mixer. Add additional water while mixing if needed until the desired consistency is achieved. Allow material to sit for approximately 5 minutes to allow water to saturate the fine aggregate in the mixture. Amount of water required shall be 4 to 6 quarts, and will vary depending upon ambient temperatures.

Mechanical – For Large Volumes

Add desired amount of Super-Stamp units into a plaster mixer and add clean water until the desired consistency is achieved. Allow material to sit for approximately 5 minutes to allow water to saturate the fine aggregates. Add additional water as needed.

Note: For a dryer mix, add less water or more Super-Stamp. For a wetter mix, add more water or less Super-Stamp. The proper consistency is based upon the applicator's choice of application. For vertical surfaces, the applicator may choose to have a dryer mix is preferable. When applying Super-Stamp at ¼", add the required amount of water to achieve a pancake batter consistency. Proper consistency is required for mixture to maintain a ¼" profile. Do not over-dilute Super-Stamp with water. Over-dilution is visible when sand fines begin to separate from the mix, causing them to settle to the bottom.

APPLICATION

Determine in advance whether White or Gray Super-Stamp shall be used. Application of each shall be the same, however, the color used will determine the outcome of the finished appearance. When using vibrant colored stains, it is recommended to use White Super-Stamp, if using darker colored stains, it is recommended to use Gray Super-Stamp.

When texturing Super-Stamp with stamp or texture tools, gauge Super-Stamp to a ¼" thickness using a Super-Krete S-19000 Gauge Rake. Mix Super-Stamp to the desired consistency and dampen the surface to be coated. Pour Super-Stamp mix onto the surface, spreading from one side of working area across to the other in a 6"-8" wide pour. Spread immediately with Super-Krete Gauge Rake (ensure that cams are set to ¼" depth) and allow Super-Stamp to set so that it is firm yet pliable. Do not allow Super-Stamp to dry out completely before stamping. Remove gauge marks with Super-Krete S-16000 Flex Smoother™. After smoothing, spray Super-Krete S-1710 Liquid Release Agent™ (do not use any other type of release) over the Super-Stamp surface and onto the texture mats being used (refer to S-1710 Liquid Release Agent Technical Data Sheet). The surface is ready to be stamped or textured when it is dry to the touch but impressionable.

When dry, detail surface by removing any high spots. Re-establish all saw cuts and expansion joints, especially if they were not protected during resurfacing process. Clean surface thoroughly using Super-Krete S-200 Super-Scrub™ and rinse with clean water. Application of Super-Krete Color Stain and sealing may continue when dry.

GENERAL INFORMATION

Super-Stamp is ready-mixed and requires the addition of water only when mixing. Super-Stamp requires no primer, bonding agents or cementitious underlayments to ensure a bond. Super-Stamp is a high strength product that is very resilient and durable. Super-Stamp has strict dosing measures to ensure product consistency throughout. Refer to Super-Krete Spec. No. S-1801 for detailed application instruction. Protect surrounding areas from over spray or splashes.

Super-Krete Products is a Division of Arizona Polymer Flooring, Inc.

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S-1800 Super-Stamp®

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TECHNICAL DATA SHEET

Coverage Rates

25 sf / 50 lb. bag or pail at ¼" thickness.

**Coverage rates will vary, this is an approximation only. Actual coverage will vary due to substrate conditions and surface porosity. It will also depend upon the method of application such as gauge rake or trowel application.*

Shelf Life 5 Years when properly stored.

Storage Store in a cool, dry place. Keep from moisture.

Tools Required

S-19000 Gauge Rake
Trowel(s)
S-16000 Flex Smoother
Hudson®-type 3 gal. & 2 qt. sprayers
Textured rubber mats or stamping tools
½" drill with mixing paddle attachment
5 gallon pails or cut 55 gallon drum

Cure Time 72 hours

Packaging 50 lb. bags / 50 per pallet

Appearance Gray or White in dry, powdered form

Odor None

Percent Volatiles by volume 0

CAUTION

Keep away from children. Do not take internally. Always use safety gloves, appropriate eye protection, and appropriate OSHA/NIOSH approved respirator in areas with poor ventilation and when exposed to spray mist both indoors and outdoors. If ingested, seek medical attention immediately.

LIMITATIONS:

Super-Krete Products are to be applied only when surface temperatures are above 55°F and rising and not to exceed 100°F. Super-Krete Products are not to be applied when precipitation is expected within 24 hours following completion of application. Do not allow materials to freeze. Each Super-Krete product acts as an inherent part of a proven system. Super-Krete Products are professional, contractor grade products. Training in the use of these products is available. Consult a Super-Krete Products representative for information and assistance locating approved contractors in your area or for training class dates.

MOISTURE VAPOR EMISSIONS PRECAUTIONS:

All concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride testing in compliance with ASTM F1869 and relative humidity probe testing to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring offers **Super-Krete®** **Pene-Krete®** for cementitious overlay products and **VaporSolve®** **Moisture Remediation** systems for resinous floor coatings. Consult our technical service department. Arizona Polymer Flooring and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

WARRANTY:

Arizona Polymer Flooring 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. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. Arizona Polymer Flooring 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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THE CONCRETE OVERLAY EXPERTS™