

Surface Preparation



ONE STEP BOND KOTE Single Component Surface Preparation System

SGM One-Step Bond Kote is a unique super polymer-modified one part cementitious coating that incorporates dry resin technology, eliminating the need for liquid additives. One Step Bond Kote is an ideal substrate to mechanically bond pool plaster over existing or concrete plaster finishes.

MANUFACTURER:

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TECHNICAL DATA

To date, no specifications have been industry approved. Our material is tested and certified by independent laboratories. All data is given in good faith, however, we reserve the right to change products and specifications without notice. SGM advises interested parties to satisfy themselves as to the accuracy of any data and seek certification if appropriate.

CHARACTERISTICS:

- Superior bonding capability
- Eliminates sand blasting / chip-outs
- Eliminates excessive substrate preparation
- Virtually eliminates delamination problems
- Saves labor and equipment costs
- Provides even hydration while plastering

LIMITATIONS:

All materials and surfaces to be coated should remain above 50°F (4.4°C) or below 120°F (38°C) 24 hours prior and 72 hours after placement. Do not apply in rain or extremely high humidity. Plaster should be applied to One Step Bond Kote within 14 days or re-apply One Step Bond Kote. DO

NOT USE OVER PAINTED, VINYL, PLASTIC, FIBERGLASS, OR SEALED FINISHES.

PACKAGING:

One Step Bond Kote is packaged in 65 lb. Moisture resistant bags.

SURFACE PREPARATION:

Check completely for hollow areas and remove all loose plaster. Remove all mildew, algae, fungus and rust by either sand blasting or with an acid wash which must be followed by neutralization with soda ash. If surface is unusually soft, painted, peeling or flaking, then surface must be heavily sanded or water blasted. Regardless of method used, thoroughly wash down with "jet nozzle" hose and let pool drain until there is no standing water present. Substrates should be prepared in a manner that leaves the CSP concrete surface profile rough and porous enough to ensure that Bond Kote can achieve a good chemical and mechanical bond to the substrate. Well prepared surfaces shall have the ability to absorb water prior to the application of Bond Kote. Note: Special attention is required on pools below water table and or leaking.

MIXING:

One Step Bond Kote should be added to approximately 6 to 6.5 quartz (5.7 to 6.1 L) of clean potable water per 65 lbs. Slowly add powder to water and continue mixing for 2-4 minutes until Bond Kote® is mixed to a smooth batter like consistency. Allow mixture to slake for 5 minutes, then remix thoroughly.

APPLICATION:

To check consistency of material, apply One Step Bond Kote with 1-1/4" nap roller onto a vertical test area. Once Bond Kote is mixed to correct consistency, apply immediately; do not let material stand unused. Apply mixed Bond Kote with 1-1/4" nap roller to steps at shallow end of pool and let material set for approximately 1 minute; then, rough up surface to desired finish with clean textured roller as done in test area. Continue this same process until entire pool surface is covered to a uniform thickness ensuring substrate does not show through the One Step Bond Kote. The wet membrane thickness needs to be at least 80 mil .08 (2.023mm). While applying One Step Bond Kote, check the depth of the coating occasionally with a wet film thickness gauge.

CURING:

Minimum cure is reached in 6 hours; setting and drying time may vary according to atmospheric conditions. For best results wait 24 hours before plastering.

PLASTERING:

Mist One Step Bond Kote with clean cool water prior to plastering to permit proper hydration. Make sure Bond Kote is free of any foreign matter before plastering.

COVERAGE:

One 65 lb bag covers 200-250 square feet of surface area. Up to 350 sq. ft. when spray applied.


CLEAN UP/STORAGE:

Clean hands, tools and containers with warm soapy water. Note: use new roller with each application.

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WARRANTY:

SGM Inc. warrants this product will perform in accordance with its intended use for a period of one year from the date of manufacture. Any claim for defective product must be submitted in writing to SGM, Inc. and samples of defect must be provided. EXCEPT AS PROVIDED HEREIN, SGM INC. MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. INNOEVENTSHALLSGM INC. BE LIABLE FOR DAMAGES OF ANY KIND OR NATURE, WHETHER ARISING BY CONTRACT, TORT OR OTHERWISE. SGM INC.'S SOLE OBLIGATION WILL BE TO REPLACE ANY PRODUCT DETERMINED BY SGM INC. TO BE DEFECTIVE.

	<p>WARNING: This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.</p>
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MAINTENANCE:

One Step Bond Kote's lifetime will be greatly enhanced through proper and regular maintenance. Test and record water chemistry values once a week, and adjust as indicated per water-balance table recommendations. Brush entire pool, walls and floor weekly. Remove any debris and foreign materials immediately to prevent staining. Check and maintain filter, pump motor and skimmer baskets to maintain proper flow and filtering action. If unable to perform regular weekly maintenance, the services of a qualified licensed pool service professional should be obtained.

TECH SUPPORT:

Technical assistance, including more detailed information, product literature, test results, project list, samples, assistance in preparing project specifications and arrangements for job site inspection and supervision, is available by contacting Technical Services Department.