



Smooth Finish & Art Deco System

APPLICATION INSTRUCTIONS

SUPER-KRETE PRODUCTS REQUIRED:

- **S-12000 Heavy Duty Degreaser™**
- **S-1300 Pene-Krete®**
- **S-9300 Bond-Kote® Gray or**
- **S-9302 Bond-Kote® White**
- **S-9304 Micro-Bond™ Gray or**
- **S-9306 Micro-Bond™ White**
- **S-9500 Color Stain™**
- **Super-Krete Sealer of Choice**

A smooth Art Deco finish may be achieved when coating over existing concrete substrates. This application is typical when creating an art deco floor or countertop and is extremely popular in restaurant cafes, day spas and salons. S-9500 Color Stains are used to create a colorful high sheen and decorative flair while protecting the floor. This system is also used to create decorative concrete countertops, outdoor barbecues, sinks, counters, showers, hearths and fireplaces.

To achieve a smooth finish, you would use S-9304 Micro-Bond instead of S-9300 Bond-Kote on the second coat, following the same application procedures as the Concrete Resurfacing System (Broom Finish). Do not apply a broom finish.

Remember, having a clear understanding and fundamentals behind coatings, how they bond to a substrate, and the importance of understanding substrate conditions will prepare you for long term success with Super-Krete Products.

SURFACE PREPARATION

The surface to be coated shall be clean, free of all coatings and contaminants and of sufficient porosity to allow the penetration of the products in order to create a co-adhesive bond with the concrete. New concrete shall be allowed to cure for 28 days. Refer to ***Super-Krete Products Surface Preparation Guide*** for detailed instruction on properly preparing concrete substrates to receive coatings.

CRACK TREATMENT

Please refer to the ***Super-Krete Products Crack Repair Guide***.

CONCRETE RESURFACING WITH S-9300 BOND-KOTE

This method can be used to produce either a subsurface bond coat or a wearing surface. The objective is to fill all minor pop-outs, variations and cracks with as thin a coat as possible (typical is 1/16" per 2 coats). A three man crew performing a squeegee application should complete 20,000 to 30,000 square feet of open area per day (per coat). Rougher areas will require additional time.

Surface to be coated shall be kept damp with clean water at all times during application of material.

1. Dampen the surface, not allowing water to puddle. Prepare a Bond-Kote mixture by adding desired amount of water to one bag to and mix with a jiffy mixer to achieve a flowable consistency. The actual amount of water needed will vary depending on outside factors such as weather conditions. Warmer temperatures may require more water.
2. Fill spalls and holes with a dry-pack mixture of Bond-Kote and feather the edges with a trowel and water. Then, mist the entire surface with water, not allowing it to puddle.
3. Pour the Bond-Kote mixture onto the surface apply Bond-Kote at an approximate rate of 300 square feet per bag with a squeegee. Two coats of the application are always required.
4. Apply the second coat of Bond-Kote with a squeegee and follow the squeegee application with a soft bristled broom at a rate of 300 square feet per bag. Additional coats may be required to achieve the desired finish. Sanding may also be required. Wait 24 hours for Bond-Kote to dry before applying MICRO-BOND™.

FINAL SMOOTHING WITH MICRO-BOND™:

1. Ensure the surface is free of debris and laitance.
2. Prepare a Micro-Bond mixture by adding desired amount of water to one bag and mixing well with a jiffy mixer to achieve a flowable consistency. The actual amount of water needed will vary depending on outside factors such as weather conditions. Warmer temperatures may require more water.
3. Mist the entire surface with water, not allowing puddling.
4. Have one person pour the S-9300 Micro-Bond mixture onto the surface and another person apply S-9300 Micro-Bond at a rate of 700 square feet per bag with a squeegee. Two coats of this application are required.
5. Apply the second coat of S-9300 Micro-bond, leaving the surface smooth. Additional coats may be required to achieve the desired finish. Sanding is required to provide a smooth, uniform surface.
6. After applying the final coat of S-9300 Micro-Bond, let it dry for 24 hours. To create a decorative surface, use S-9500 Color Stains.
7. Sand the surface down uniformly using a #80 grit or finer sandpaper and floor sanding machinery for an ultra-smooth surface.

COLOR STAINING

Enhance the smooth surface by adding color. Mist the smooth area with the water and apply Color Stains S-9500 using a broom, sponge, brush or filtered airless sprayer. Mix the Color Stain well to ensure that all contents in the product are thoroughly mixed. Also, filter the stain with a strainer before pouring the stain into a sprayer. It is best to pour half the contents into the sprayer base, shake the container again, and pour the remainder of the product into the sprayer base.

MORE HELPFUL HINTS:

When applying S-9500 Color Stains, always use lighter colors as a base first, and highlight areas if desired with darker colors. When highlighting areas for contrast, always make sure that the base color has dried before applying highlight colors. When mixing colors before they have dried, the colors may blend together to form new colors. This can be done, but sure it is the effect you are trying to achieve. Lines and joints can be enhanced using a hand-held dustless grinder blade, and can be grouted out for a more dramatic appearance and add to a dimension. Grouting should be done between sealer coats.

PROTECTIVE SEALING

All Super-Krete surfaces must be sealed for protection, ease of maintenance and wearability. A minimum of two coats of sealer are recommended. Refer to the ***Super-Krete Products Sealer Selection Guide*** to determine the appropriate sealer for your project.