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**SUPER-KRETE products and systems are warranted only when applied by persons Certified in writing by Super-Krete International, Inc. as Certified Super-Krete Applicators in accordance with manufacturer's guidelines on a structurally sound surface.**

## **Description and Recommended Use**

Super-Krete Bond-Kote is a single component, ready-mixed product designed for use as a thin-set overlayment for concrete, masonry, stucco, wood, metal and other surfaces. Super-Krete has a proven success record in every type of climate and is unaffected by freeze/thaw conditions and salt treatments. Super-Krete® Bond-Kote is a blend of special components that ensure superior bonding to nearly any substrate. Super-Krete® Bond-Kote is water resistant and may be used as a two (2) coat moisture vapor barrier underlayment system. Delamination of waterproofing products is substantially or totally reduced when Super-Krete Bond-Kote is used for the base coats.

Super-Krete® Bond-Kote has multiple uses including surface restoration, crack repair, decorative surfaces, skid proofing, moisture vapor emission reduction, etc. Apply using a squeegee, spray apparatus, trowel, straight edge, or other means.

## **Preparation of Surface**

Surfaces that are to be repaired or coated must be structurally sound. Surface damage such as surface deterioration, cracks, and spalls can be repaired. However, structural integrity is critical to the overall success of the overlay.

Remove any loose, soft or contaminated materials from the area that is to be repaired or resurfaced. Any existing coatings, sealers, curing agents, etc. must be removed from the surface providing direct contact with the original substrate to assure adhesion. Typical preparation methods may include scraping, water blasting, sand blasting, shot blasting, cleaning and degreasing.

Important: Super-Krete® Bond-Kote is designed to penetrate the surface for a permanent bond. Any sealers or coatings which will interfere with this penetration must be removed.

The surface shall be cleaned thoroughly of all contamination by scrubbing the surface with Super-Krete® Heavy Duty Degreaser. Spray degreaser over the entire surface. Allow the degreaser to dwell on the surface for approximately 15-30 minutes, and then completely rinse with clean water two times. Allow the surface to dry another 24 hours before applying other coatings or sealers. Extremely oily surfaces can be pre-heated with a propane torch to bring the oil to the surface, followed by degreasing and water blasting. Repeat this process until the surface is free of oily substances.

Note: Do not apply Super-Krete Bond-Kote over any coatings or sealers that are breathable. Because moisture and vapor transmission through Super-Krete Bond-Kote is greatly reduced, the coatings or sealer are no longer able to breath and will subsequently delaminate.

## **Surface Stabilization (with SUPER-KRETE® PENE-KRETE)**

Chalky, weak or freeze/thaw damaged concrete must be treated with at least two (2) applications of PENE-KRETE penetrating sealer to increase concrete strength and reduce vapor transmission. Pre-dampen surface with clean water, and allow the surface to almost completely dry. Immediately apply two (2) applications of PENE-KRETE over the entire surface using a low-pressure airless paint sprayer or backpack pump-type sprayer. Spray evenly to saturate the surface, but do not allow material to puddle. This process will increase concrete strength by approximately twenty to twenty-five (20-25) percent and reduce moisture vapor emissions substantially. Allow PENE-KRETE application to cure overnight before applying other coatings or sealers.

## **Product Mixing**

Super-Krete Bond-Kote is mixed on the job; just add water and mix to the desired consistency. Vertical and overhead repairs will require a dry mix with fewer slumps made by adding only small amounts of water until a "putty" consistency is achieved. Do not over-dilute with water. Mix with a ½ inch drill and "jiffy" mixer attachment in a 5-gallon bucket or a 55-gallon drum. A mortar mixer can be used for large jobs depending on the quantities being mixed.

## **Application**

The substrate should always be damp when applying Super-Krete Bond-Kote to ensure a secure bond to the surface. Do not allow water to puddle on the surface. Any structural repairs, crack repairs, patches and deep fills should be completed prior to general resurfacing or squeegee applications. Standard concrete or masonry tools such as trowels are used for these repairs. The repairs can be feather edged using a dampened paint brush. Dampen the paint brush using SBA (Super-Krete Bonding Agent).

Use the squeegee mix when resurfacing in thin layers and apply material with an asphalt seal coat type squeegee, available through SUPER-KRETE. Finished squeegee applications can be sanded between applications or after final application (when dry) using a typical floor-buffing machine with terrazzo stone or sandpaper attachment. The finished surface should be uniform in texture and appearance.

Caution: Do not apply Super-Krete Bond-Kote unless temperature is above fifty-five Degrees F. and rising and precipitation is not expected within twenty-four hours.

### **Packaging and Coverage Rates**

Super-Krete Bond-Kote is available in five (5) gallon containers or fifty (50) pound bag.

One five-gallon container, or forty-eight (48) pounds, when mixed with water, will cover approximately 300 square feet when applied by squeegee depending upon surface porosity or roughness. A two or three coat application may be required to cover cracked or deteriorated surfaces.

### **Advantages**

Contractors prefer Super-Krete Bond-Kote for applications where other cementitious materials were used, for three (3) primary reasons:

- Superior Adhesion
- Flexibility
- Water Resistance

### **Other advantages include:**

- Quickly installed repairs
- Can be applied from thickness of a coat of paint to one foot (1')
- Can be mixed manually or mechanically
- Only water is required for mixing - Good for remote areas with no raw materials
- Equally good for interior or exterior applications
- Can be applied over concrete, wood, asphalt, metal

**IMPORTANT NOTE:** Application is by Certified Applicators only. The Super-Krete's S-1700 system shall only be applied by applicators who are certified in writing by SUPER-KRETE International, Inc. to install this system. Super-Krete products are only warranted when applied by approved and certified applicators.

### **Limitations**

SUPER-KRETE products are to be applied only when surface temperatures are above 55 degrees F and rising. 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.

Note: SUPER-KRETE International, Inc. warrants this product to be of merchantable quality when used or applied by professional applicators approved by this company in strict accordance with manufacturer's specifications. SUPER-KRETE International, Inc. does not warrant this product for uses other than those intended. SUPER-KRETE International, Inc. does not make nor does it authorize any agent or representative to make any other warranty of MERCHANTABILITY OR FITNESS for purpose or any warranty, guarantee, or representation, express or implied, concerning this material except that it conforms to product specifications distributed by this company. SUPER-KRETE believes this information to be true to the best of our knowledge and products are of the highest quality and uniform within manufacturing tolerances. Since no control is exercised over product use, no warranty, expressed or implied, is made as to the effect of such use and no liability is assumed, directly or indirectly, from their use. Buyers and users accept this product under these conditions and assume the risk of any failure, injury, to person or property (including of buyer and user), death, loss or liability resulting from the handling, storage, or use of the product whether or not it is handled, stored, or used in accordance with directions or specifications. Any liability of this company to the buyer or user of this product is limited to the replacement value of the product. Buyers and users are encouraged to conduct their own test prior to application.