

# A Super-Bonding, Flexible Cementitious Coating for Concrete Restoration.



# KRETE KOTE SYSTEM

## DESCRIPTION & USE

The MULTICOAT KRETE KOTE 2000 System is a super bonding, flexible synthetic resin modified cementitious coating which forms a cost effective, durable, anti-skid, weather and chemical resistant surface over properly prepared substrates. It can be applied to driveways, walkways, steps, pool decks, and most concrete surfaces.

## ADVANTAGES

- Bonds securely to structurally sound concrete
- Easy to apply and cost effective
- Fast curing time - short down time
- Resistant to moisture penetration, salt spray and most chemicals
- High flexural strength - will withstand moderate flexing, unlike most concrete repair coatings
- High impact resistance
- Resistant to freeze-thaw conditions
- Multiple decorative anti-skid finishes and designs are available
- Multiple color selections
- Water base - environmentally safe to use and apply

## SEE TEST DATA

## SURFACE PREPARATION:

Substrate must be structurally sound, free from grease, oil, paint, dirt, dust, sealers, laitence, curing compounds and other foreign materials which may prevent proper bonding. Cracks and imperfections must be repaired. **Properly installed expansion joints** should be cleaned.

## APPLICATION

MULTICOAT KRETE KOTE and TOP COAT 2000 are furnished in 65 lb. bags and field mixed with potable (clean) water in the approximate amount of 1 $\frac{3}{4}$ -2 gallons per bag, preferably with a special MULTICOAT Mixing Paddle. Mix vigorously to disperse all lumps and to thoroughly wet all particles. Suggest 1-1 $\frac{1}{2}$  minutes after all dry material added. Use margin trowel to clear vessel sides. Adjust to desired consistency by addition of dry material or **small** amount of water. For best results let Krete Kote or Top Coat stand in bucket for 3-5 minutes, then add a small amount of water and rebreak material. This will give additional pot life.

Mixed KRETE KOTE and TOP COAT 2000 are applied by roller, trowel, or squeegee in one coat plus texture coat, or two or more coats plus texture coat, depending on surface condition.

With Hopper Gun - Trowel Knock Down to achieve French Lace Texture.

ACRATHANE COLORSEAL must be applied in two thin coats. **First Coat** - Mix Colorseal to uniformity with slow speed mixer. With continuous mixing, add clean water in ratio of 1 part water to 3 parts Colorseal. APPLY DILUTED COLORSEAL WITH  $\frac{1}{2}$ " TO  $\frac{3}{4}$ " nap roller, using firm pressure. Allow a minimum of (1) hour to dry.



SURFACE PREPARATION



CRACK REPAIR WITH SPEED BOND (SEE CRACK REPAIR SYSTEM).



BASE COAT APPLICATION – TROWELED



FINISH COAT – TEXTURED IF DESIRED  
HOPPER GUN – KNOCK DOWN



ACRATHANE COLORSEAL



(Note: ACRATHANE Clear Sealers are applied in one or two coats full strength. DO NOT DILUTE.)

**Second Coat** - DO NOT DILUTE COLORSEAL! Mix to uniformity only. Apply with firm pressure. DO NOT APPLY THICKER THAN RECOMMENDED! Airless sprayer may be used for final coat.

Allow to cure for a minimum of 24-48 hours before commencing foot traffic, 72 hours for vehicular traffic.

## COVERAGE

Each 65 lb. of KRETE KOTE or TOP COAT 2000 as described under "APPLICATION," will cover approximately 125-150 sq. ft. depending on surface conditions(2 coats) or 65 sq.ft. (3 coats). Each gallon of ACRATHANE COLORSEAL will cover approximately 150-200 sq. ft. per gallon, depending on surface texture and/porosity. (See ACRATHANE COLORSEAL Instructions for use).

## LIMITATIONS

Do not apply if substrate temperature is below 40°F or above 100°F, or if ambient temperature below 40°F above 100°F.

Do not apply if precipitation is expected within a twenty four (24) hour period.

DO NOT USE IF CONCRETE SLAB MAY BE SUBJECT TO **NEGATIVE SIDE WATER OR WATER VAPOR PRESSURE.**

**Do not bridge expansion or control joints with the Krete Kote System. All expansion or control joints must be cut and cleaned out and filled with approved caulking material.**

## PACKAGING AND STORAGE

KRETE KOTE or TOP COAT 2000 are furnished in 65 lb bags. ACRATHANE COLORSEAL is furnished in 1 and 5 gallon containers.

Store in dry area at 40°- 90°F.

Shelf life is approximately 24 months in unopened bags and approximately 18 months in unopened pails.

## DAMAGE LIMITATION

Seller shall not be liable for any damages, injury, loss, direct or consequential, resulting from its products. The parties intend that the limitation of damages, including consequential damages, applies even if the exclusive remedy provided for herein fails of its essential purpose.

## EXCLUSIVE REMEDY

Seller's sole obligation, and buyer's exclusive remedy shall be to replace material if found to be defective.

## WARRANTY DISCLAIMER

There are no warranties which extend beyond the description of the fact hereof. Seller expressly disclaims all other warranties regarding the use of its products, whether expressed or implied, including the implied warranties of merchantability and for fitness of a particular purpose. Since use of the product is beyond the Seller's control, the Buyer assumes all risk of use.

## WARRANTY

Materials are guaranteed with respect to uniformity and quality within manufacturer's specifications.

## TEST DATA - KRETE KOTE 2000 / TOP COAT 2000

TEST	METHOD	RESULTS
1. Weatherometer .....	ASTM G23 .....	2000 hrs - Passed
2. Compressive Strength .....	ASTM C109 .....	45 Days air cured .....2595 psi
3. Tensile Strength .....	ASTM-C190 .....	457 psi
4. Bond Strength (Flatwise Tension).....	ASTM-C297 .....	225 psi
5. Abrasion Test.....	ASTM-1242A .....	1000cyc-1000gms ..... 39 mil loss
6. Salt Spray .....	ASTM-B117 .....	300 hrs - Passed
7. Water Vapor Transmission .....	ASTM-E96A .....	8.5 Perms
8. 50-Cycle Freeze thaw.....	ASTM-C67 .....	Passed
9. Flexural Strength .....	ASTM-D790 .....	Modulus of Rupture - 770psi
10. Impact Resistance.....	MIL-D-3134F.....	Passed
11. Flame Spread .....	ASTM-E84.....	Class A



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