



Waterproof Deck System for Above Grade Applications.

DESCRIPTION AND BASIC USE:

The MULTICOAT® METAL LATHE WATERPROOF SYSTEM is a multi-layer protective coating designed for above grade decks. The system applies MULTI-BASE, a resin modified cementitious base coat embedded with 2.5 galvanized metal lathe. The system adds an elastomeric waterproofing membrane (MULASTICOAT®) with a synthetic resin modified cementitious top coating. (KRETE KOTE 2000 or TOP COAT 2000)

The METAL LATHE WATERPROOF SYSTEM is designed to withstand heavy foot traffic on decks, ramps, walkways, etc. The METAL LATHE WATERPROOF SYSTEM can be applied to wood and most other surfaces or substrates in need of a waterproofing and/or fire resistant protective coating.

ADVANTAGES:

- Low cost - minimum down time - easy to apply
- Superior waterproofing
- Hard, durable, anti-skid surface
- Excellent weather-salt-fire resistance
- Superior bonding to substrate
- Excellent freeze-thaw resistance
- High impact and abrasion resistance
- Water base - environmentally safe to use and apply

SEE TEST DATA

SURFACE PREPARATION:

All substrates must be structurally sound, free from all grease, oil, paint, dirt, dust, sealers, curing compounds, and other foreign materials which may prevent proper bonding. Substrates should be constructed in compliance with all applicable building codes. Plywood substrates, including tongue and groove plywood, must be 5/8" minimum thickness, exterior grade CC PTS plywood, OSB, or better 16" oc maximum support spacing, edges blocked, all fastened with 8 penny ring shank nails or equivalent, on maximum 6" centers. (NOTE: Plywood/OSB must be nailed on all four edges.) Moisture content should be below 15%. Use moisture meter to check. NOTE: ALL ABOVE GRADE DECKS SHOULD BE PROPERLY VENTED, FLASHED, AND SLOPED FOR DRAINAGE.

APPLICATION:

Lay out 2.5 galvanized metal lathe in a staggered pattern over the entire plywood/OSB surface overlapping the metal flashing to the edge of the deck surface. Make sure the metal lathe joints do not mirror the plywood/OSB joints, minimum 6" away from any joint. The metal lathe joints must overlap a minimum 1".

Staple metal lathe with minimum 7/8" crown by a minimum 5/8" long corrosion resistant staple spaced 3" oc in the field and 1" oc in all metal lathe overlap joints, plywood joints and perimeter of the deck.

Mix MULTI-BASE per instructions on the bag and pour over the metal lathe. Trowel onto the deck covering the metal lathe and allow to dry completely.



STAPLE METAL LATHE TO DECK



MULTI-BASE APPLIED, COVERING METAL LATHE



MULASTICOAT® BEING APPLIED (TWO COATS)



KRETE KOTE/TOP COAT BEING APPLIED



READY FOR FINISH TEXTURE, COLORSEAL, OR MULTI-STAIN

METAL LATHE WATERPROOF SYSTEM



APPLICATION (continued):

MULASTICOAT® is then applied over entire surface in two(2) coats with roller, using firm pressure. First coat is allowed to dry to the touch, usually 1-2 hours depending on ambient temperature. The second coat is applied crisscross to the first coat. Allow the MULASTICOAT® to fully dry before proceeding with KRETE KOTE/ TOPCOAT 2000 surfacing. **DO NOT ALLOW MULASTICOAT® TO BE EXPOSED DIRECTLY TO THE SUN FOR MORE THAN 24 HOURS.**

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 3/4 - 2 gallons per bag. Mix vigorously to disperse all lumps and to thoroughly wet all particles. Use a 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 the 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 trowel or squeegee in one coat plus texture coat, or two or more coats plus texture coat, depending on surface conditions.

Not responsible for cracks and delamination caused by structural movement, improper substrate construction or application —SEE WARRANTY.

ACRATHANE COLORSEAL (RECOMMENDED):

Apply two coats of COLORSEAL (Refer to COLORSEAL "Instructions for use.") Allow minimum 24 hour cure before allowing foot traffic and minimum 72 hours before allowing vehicle traffic. Masonry patterns available with MULTI-STAIN.

COVERAGE:

MULTI-BASE 40-60 sq. ft per bag
MULASTICOAT® (waterproofing membrane): 40 to 50 sq. ft. per gallon (2 coats).
KRETE KOTE/TOP COAT 2000 - 100 sq. ft. per bag (base and texture coat). (See "PACKAGING AND STORAGE")
COLORSEAL 150 - 200 sq. ft. per gallon (2 coats).

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.

PACKAGING AND STORAGE:

MULASTICOAT® - furnished in 1 and 5 gallon containers, 55 gallon drums and 275 gallon totes.
MULTI-BASE, KRETE KOTE/TOP COAT 2000 - furnished in 65 lb. bags.
COLORSEAL/MULTISTAIN - furnished in 1 and 5 gallon pails. Store at 40-90°F in Dry Area.
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.



MULTICOAT® CORPORATION West Coast

Toll Free: (877) 685-8426
(949) 888-7100 Fax (949) 888-2555
Website: www.multicoat.com
E-mail: info@multicoat.com

MULTICOAT® PRODUCTS, INC. East Coast

Toll Free: (800) 660-6729
(304) 586-0616 Fax (304) 586-0620
Website: www.multicoat.com
E-mail: info@multicoat.com

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