



A Seamless Waterproofing Membrane for Fountains & Ponds

WATER FEATURES & PONDS

DESCRIPTION & USE

Multicoat's waterproofing system for fountains and ponds utilizes our MULASTICOAT® and SCRATCH KOTE 2000®. MULASTICOAT® is a unique latex water-based coating that forms a seamless elastomeric waterproofing membrane. SCRATCH KOTE 2000® /POND KOTE is a resin modified cementitious coating which is used as a bonding material under the MULASTICOAT® and also acts as a protective barrier over the MULASTICOAT®.

ADVANTAGES:

- Low Cost - Minimum Down Time
- Ease of Application
- Superior Waterproofing
- Excellent Bond Strength
- High Tensile Strength/Elastomeric Properties
- Freeze - Thaw Resistant

SEE TEST DATA

SURFACE PREPARATION

Substrate must be structurally sound and free from grease, oil, dirt, dust, sealers, water repellents and other foreign materials which may interfere with proper bonding. Shot Blasting or sand blasting may be necessary over some surfaces to achieve proper bonding. On concrete block or slump stone walls, all head and bed joints must be free of holes and finished flush with block substrate. For poured in place walls, a water-based form release must be used. If an oil base form release is used, it must be completely removed with tri sodium phosphate (TSP), power wash and rinse. Since MULASTICOAT® is a vapor barrier, substrate must be thoroughly dry before application to prevent gassing or bubbling.

APPLICATION

Roll, brush or spray SCRATCH KOTE 2000® to entire substrate to be waterproofed at a coverage rate not to exceed 175 sq. ft. per bag and allow to dry overnight. Gently hand stir MULASTICOAT® and apply two coats at a coverage rate of 80 to 100 sq. ft. per gallon. Allow to dry between coats. Broadcast 16-20 silica sand onto second coat of MULASTICOAT® while still wet and allow to dry. Apply a coat of SCRATCH KOTE 2000® or POND KOTE and allow to dry a minimum of 5 days before filling. Longer dry time will be required for interior applications.

All 90° angles, corners or protrusions in substrate should be caulked with a suitable caulk. Those areas should also have Multicoat's stitchbond polyester fabric embedded into wet Mulasticoat. Large cracks should be filled with Multicoat's SPEED MIX 2000® prior to application of SCRATCH KOTE 2000 or POND KOTE.

Optional Interior Finish: POND KOTE can be left as the final appearance. For a more color stable and uniform color appearance, Multicoat's ACRATHANE COLORSEAL® can be used. Other finishes such as tile, plaster finishes, etc., can be used as the final visual covering.

(Mist final coat of SCRATCH KOTE/POND KOTE with water once daily during the 5 day curing period for best results.)



PACKAGING: 1-GAL CANS, 5-GAL PAILS, 55-GAL DRUMS, 275-GAL TOTES



INITIAL SCRATCH KOTE 2000 APPLICATION



1ST COAT OF "THE BLUE STUFF"



2ND COAT OF "THE BLUE STUFF"
BROADCAST 16-20 SILICA SAND
WHILE STILL WET



FINAL LAYER OF POND KOTE



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 allow Mulasticoat to become wet or to be left exposed more than 2 days in extreme UV Ray areas.

Do not use if substrate is subject to negative side water or water vapor pressure.

Do not use on negative edge walls or vanishing edge walls.

COVERAGE

MULASTICOAT®: 80 to 100 sq. ft. per gallon per coat

SCRATCH KOTE: 2000 175 to 250 sqft per bag

POND KOTE: 175 - 250 sq. ft. per bag

ACRATHANE COLORSEAL®: 200 - 300 sq. ft. per gallon

PACKAGING AND STORAGE

MULASTICOAT®: Furnished in 1 gallon, 5 gallon containers, 55 gallon drums and 275 gallon totes. Store at 40 - 90°. Shelf life approximately 18 months. SCRATCH KOTE 2000®/POND KOTE is furnished in 65-lb bags. Shelf life is approximately 24 months. Store in a dry environment.

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 - MULASTICOAT "The Blue Stuff"

TEST	METHOD	RESULTS
1. Tensil Strength.....	ASTM D2370.....	PSI 203
2. Elongation.....	ASTM 2370.....	1148%
3. Tensil Bond Adhesion, PSI.....	ASTM C297.....	162 Cohesive
4. Static Hydrostatic Pressure.....	ASTM C 1306.....	Pass>45PSI
5. Hydrostatic Head.....	12" Water/Film@40mil.....	Pass 96hrs/No Effect
6. Low Temperature Flexibility		
Mandrel Bend.....	ASTM D522.....	1/2" Room Temp Pass
		1" @ -5°F Pass
		1/2" @ -5°F Pass

TEST DATA - POND KOTE

TEST	RESULTS
1. Density, g/cc.....	1.75
2. Compressive Strength (28 day).....	3125 psi
3. Flexural Strength (28 day).....	1375 psi
4. Water %.....	22.50%
5. Toxicity (96 hr. LC50).....	Passed*

*Toxicity testing was done on flat head minnows and rainbow trout, with no adverse affects to either species of fish.

TEST DATA—SCRATCH KOTE 2000

TEST	METHOD	RESULTS
1. Weatherometer.....	ASTM-G 23.....	2000 hrs. - Passed
2. Compressive Strength.....	ASTM-C 109.....	45 days air cured.....2595psi
3. Tensile Strength.....	ASTM-C 190.....	457 psi.
4. Bond Strength(Flatwise Tension).....	ASTM-C 297.....	225 psi.
5. Abrasion.....	ASTM-1242A.....	1000cyc-1000gms..... Passed
6. 50 Cycle Freeze Thaw.....	ASTM-C 67.....	Passed
7. Flexural Strength.....	ASTM-D 790.....	Modulus of Rupture - 770psi
8. Impact Resistance.....	MIL-D3134F.....	Passed



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