



A Multipurpose Elastomeric Seamless Waterproofing Membrane.

MULASTIGOAT[®]

DESCRIPTION & USE

MULASTIGOAT is a unique latex waterbased coating which forms an elastomeric waterproofing membrane with excellent bonding characteristics to most building materials.

MULASTIGOAT has a wide variety of waterproofing applications, including roof repairs, tank lining, water moats, reflection pools, shower pans, between slab membranes, etc.

MULASTIGOAT also functions as the waterproofing membrane of the fire resistant MULTICOAT SLATEX ABOVE GRADE WALKING DECK, ROOF SURFACING SYSTEM, and the BELOW GRADE WATERPROOFING SYSTEM. (NOTE: Application and use of MULASTIGOAT in the above systems is described in separate instructions.)

ADVANTAGES

- Low cost - minimum down time
- Ease of application
- Superior waterproofing
- Excellent bond strength
- High tensile strength and elastomeric properties
- Freeze-thaw resistant
- Waterbased - environmentally safe to use and apply

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, sand blasting, or water sand blasting with minimum 3,500 psi may be necessary over some surfaces to achieve proper bonding. (Note: In some cases over existing concrete in submerged conditions a primer coat of KRETE KOTE or SCRATCH KOTE may need to be applied to substrate to create even suction for Better Bonding.) Please call Multicoat if you have questions before proceeding.

SINCE MULASTIGOAT IS A VAPOR BARRIER. SUBSTRATE MUST BE THOROUGHLY DRY BEFORE APPLICATION TO PREVENT GASSING OR BUBBLING.

APPLICATION

MULASTIGOAT IS A COMPONENT OF SEVERAL MULTICOAT SYSTEMS. STEPS 1 & 2 BELOW ARE GENERAL INSTRUCTIONS TO BE FOLLOWED WHENEVER MULASTIGOAT IS APPLIED. STEPS 3 - 5 DESCRIBE THE APPLICATION OF MULASTIGOAT IN ROOFING, POND/WATER FEATURES AND SHOWER PANS. FOR OTHER SYSTEMS, SEE APPLICABLE SYSTEM INFORMATION.



ENVIRONMENTALLY SAFE, WATERBASE AVAILABLE IN 1 GALLON CANS, 5 GALLON BUCKETS, 55 GALLON DRUMS & 275 GALLON TOTES



WATER FEATURE APPLICATION



SPRAY APPLIED ROLLER APPLIED



IDEAL WATERPROOFING SYSTEM FOR PONDS / WATER FEATURES



APPLICATION (continued)

1. Stir MULASTICOAT with hand paddle.
2. Roll, brush or spray MULASTICOAT over area to be waterproofed in two (2) coats at a coverage rate of 40-50 sq. ft. per gallon 2 coats. Allow to dry thoroughly between coats.
NOTE: For potential leak areas such as parapets, drains, coves, flashing, posts, protrusions, etc., apply stitchbonded polyester fabric immediately after first coat application. Apply additional MULASTICOAT to saturate. (Note: All 90° Angles, corners or protrusions in substrate should be caulked with a polyurethane caulk and stitchbond polyester fabric should be imbedded into mulasticoat in those areas.)

IN ANY AREAS THAT MAY BE EXPOSED TO SUNLIGHT, MULASTICOAT MUST ALWAYS BE COATED WITH AN ULTRAVIOLET RESISTANT COATING (KRETE KOTE, TOP COAT OR SCRATCH KOTE.)

3. **For roofs** and other traffic bearing surfaces, apply an ultraviolet resistant coating (KRETE KOTE, TOP COAT or SCRATCH KOTE) after Mulasticoat had dried to touch. Allow a minimum of 24 hours after second coat or ultraviolet treatment before commencing traffic. (Only light foot traffic permissible.)
4. **For ponds/water features**, coat properly prepared surface with 2 coats MULASTICOAT with roller, brush or sprayer. Broadcast 16 or 20 silica sand while second coat of Mulasticoat is still wet. When MULASTICOAT is dry, brush off loose sand. Allow MULASTICOAT to dry to touch between coats. Apply at rate of 40-50 sq. ft. per gallon, two coats. Allow MULASTICOAT to dry to touch. Apply 1 coat POND KOTE cementitious coating to dried MULASTICOAT. Allow 5-7 days before filling with water. **NOTE: Apply a primer coat of SCRATCH KOTE, TOP COAT or KRETE KOTE before the first coat of MULASTICOAT.**
5. **For shower pans**, caulk all 90° corners, allow to cure. Coat properly prepared surfaces with two coats Mulasticoat. Apply at a rate of 40-50 sq. ft. per gallon. Imbed Polyester Fabric Mesh to all 90° corners. Apply one coat KRETE KOTE, TOP COAT or SCRATCH KOTE Cementitious Coating to dried MULASTICOAT. Apply thin-set or mud base to Multicoat cementitious coating for tile or stone application.

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 substrate is subject to negative side water, vapor pressure or any type of negative side waterproofing application. (Not recommended for negative edge pool walls.)

COVERAGE

40-50 sq. ft. per gallon, two coats

PACKAGING AND STORAGE

Mulasticoat Furnished in 1 and 5 gallon containers, 55 gallon drums and 275 gallon totes. SCRATCH KOTE, TOP COAT or KRETE KOTE furnished in 65 lb. bags.

Store 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 - MULASTICOAT

TEST	METHOD	RESULTS	
1. Tensile Strength & Elongation	ASTM D412-83	PSI	ELONGATION %
Before Aging		914	289
After Aging		875	178
Percent Loss		4.26	38.4
2. Bond Strength	ASTM C-297-61	PLYWOOD	CONCRETE
Ultimate Bond Strength.....		138.6 Psi	209.4 Psi
3. Low Temperature Flexibility			-5°F
4. Crack Bridging	L.A. City	Total Elongation 155%	
5. Percolation Test	2" dia. X 48" Water, Head-48 hours.....	No Loss	
6. Accelerated Aging.....	ASTM-D756-D+E	25 Cycles	Passed
7. Water Vapor Transmission	ASTM-E96-BW	Grains/Hr/Ft2	.0044



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