

PREMIUM SLATEX Below Grade Waterproofing



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Overview

The Premium Below Grade System is a multilayer seamless protective coating which combines an elastomeric waterproof membrane (MULASTICOAT) with a Synthetic Resin modified cementitious coating specifically designed for BELOW GRADE AND UNDERLAYMENT applications. The Premium Below Grade System can be applied to most surfaces such as concrete block, poured in place concrete, ICF (insulated concrete form), slumpstone, polyfoam sheathing, etc.

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 3500 psi may be necessary over some surfaces to achieve proper bonding. On concrete block or slumpstone walls, all head and bed joints must be free of holes and finished flush with block substrate. For poured in place walls, a waterbase form release must be used. If an oil base release is used, it can be completely removed with trisodium phosphate (TSP), power washed and rinsed.

For added protection against efflorescence, or cure time miscalculation, apply VAPOR SHIELD to densify concrete and reduce cure time from 28 days to 5 days.

New concrete should be aged a minimum of 7 to 20 days after pouring and at least 2 days after form removal before commencing applications.

NOTE: WHEN LIQUID FORM RELEASES ARE NEEDED, USE ONLY WATERBASE PRODUCTS. THE ENTIRE SUBSTRATE, INCLUDING SURFACE, SHOULD BE IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES.

Application

Step 1: Apply first coat of MULASTICOAT firmly with an airless sprayer, hopper gun or a 3/4" to 1 1/4" nap roller. Cover entire surface area, including footing, extending to a minimum of 6" above grade line. Allow to dry a minimum of one hour prior to second coat application. Apply second coat with airless sprayer, hopper gun or roller cover.

Be sure all pin-holes, voids, etc. are completely covered. Allow to dry to touch. (MULASTICOAT will change to a dark blue color when dry.)

Step 2: Apply finish coat of MULTICOAT SCRATCH KOTE 2000 with 3/4 to 1 1/4" roller cover or hopper gun. SCRATCH KOTE 2000 furnished in 65 lb bags vigorously field mixed (to thoroughly disperse solids) with potable (clean) water in approximate amount of 2 to 2 1/2 gals per bag. Use a margin trowel to clear vessel walls. Adjust consistency so applied material does not slump or stick to roller.

One hour after application is completed, check to make sure that MULASTICOAT is completely covered (no blue should show). Allow to dry, then backfill. Always use a drainage system at bottom of footing of retaining wall. MULTICOAT'S LASTO DRAIN or equivalent is recommended.

FOR BELOW GRADE AND UNDERLAYMENT WATERPROOFING USE ONLY

Quick Reference Guide

STEP	MATERIAL	PURPOSE	COVERAGE
1	VAPOR SHIELD	Densifier	200 SqFt/Gallon
2	MULASTICOAT	Waterproofing	35-45 SqFt/Gallon
3	SCRATCH KOTE 2000	Protection Coating	125-150 SqFt/Bag

*optional step

The diagram illustrates the three-step application process. Step 1 shows a substrate treated with Vapor Shield (optional). Step 2 shows the application of Mulasticoat, a blue elastomeric membrane. Step 3 shows the application of Scratch Kote, a thick, textured cementitious protection coating over the Mulasticoat.

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Coverage

- **MULASTICOAT:** 35-45 SqFt/Gal (2 coats)
 - **POLYESTER STITCH BOND FABRIC:** 12" x 324' rolls
 - **VAPOR SHIELD:** 200 SqFt/Gal
 - **SCRATCH KOTE 2000:** 175 sq. ft. per bag
- (Coverage may vary due to application method and/or substrate condition.)

Limitations

- **DO NOT** apply if substrate or ambient temperature is <40°F or >100°F.
- **DO NOT** apply if precipitation is expected within a twenty four (24) hour period.
- Protect MULASTICOAT to avoid punctures or damage.
- **DO NOT** allow MULASTICOAT to get wet during installation or drying.

Multicoat is not responsible for cracks or delaminations caused by structural movement, improper substrate, improper construction or application.

Packaging And Storage

- **MULASTICOAT:** 1-gallon cans, 5-gallon pails, 55-gallon drums, 275-gallon totes.
- **SCRATCH KOTE 2000:** 65 lb. bags
- **POYLYESTER STITCH BOND FABRIC:** 12" x 324' rolls
- **VAPOR SHIELD:** 1-gallon and 5-gallon
- Store in a dry environment 40 to 90°F.
- Store away from direct contact with ground.
- Protect from weather and other damage.
- Shelf life is approximately 18 months for unopened product.

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.



Laboratory Test Data

MULASTICOAT "THE BLUE STUFF"

1. Tensil Strength	ASTM D2370	PSI 99
2. Elongation	ASTM 2370	1086%
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	½" Room Temp Pass 1" @ -5°F Pass ½" @ -5°F Pass

SCRATCH KOTE 2000

1. Weatherometer	ASTM G23	2000 Hours Passed
2. Compressive Strength	ASTM C109	2595 PSI @ 45 Day Air Cure
3. Abrasion Test	ASTM 1242A	1000 Cycles/1000 grams
4. Freeze Thaw	ASTM C67	50-Cycle Pass
5. Impact Resistance	MIL-D-3134F	Passed

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East Coast

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