



A Multi-Layer, Seamless Waterproof Coating for Below Grade Applications

SLATEX SYSTEM (Below Grade)

DESCRIPTION & USE

The MULTICOAT BELOW GRADE SYSTEM is a multilayer seamless protective coating which combines an elastomeric waterproof membrane (MULASTICOAT) with a synthetic resin modified cementitious coating.

The 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.

ADVANTAGES:

- Superior waterproofing
- Easy to apply - no special safety apparatus required
- Cost effective - minimal down time
- Highly resistant to fungus/mildew
- Superior bonding
- High impact and abrasion resistance
- Superior freeze -thaw resistance
- Waterbase - environmentally safe to use and apply
- Can be applied before or after grouting

SEE TEST DATA

SURFACE PREPARATION:

1. All surfaces must be structurally sound and free of grease, oil, paint, dirt, dust, sealers, laitence, concrete curing compounds and other foreign materials which may prevent proper bonding of MULASTICOAT.
2. Cracks must be repaired and all holes, voids, bee hives, etc. must be filled with suitable mortar or grout. They should be allowed to cure and scraped even with surface prior to application of MULASTICOAT waterproof membrane.
3. Surface should be dry to touch prior to MULASTICOAT application.

PRECAUTIONS BEFORE APPLICATION

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 CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES.



FIRST COAT - MULASTICOAT - ROLLER OR SPRAY APPLIED



SECOND COAT - MULASTICOAT - ROLLED OR SPRAYED



SCRATCH KOTE 2000 ROLLER OR SPRAY APPLIED



READY FOR BACKFILL



APPLICATION *May be applied before or after grouting.*

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. (When dry, MULASTICOAT will change to a dark blue color.)

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 MULTICOAT special mixing paddle, and 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).

No protection board is required. LASTODRAIN OR EQUIVELANT DRAINAGE SYSTEM MAY BE INSTALLED BEFORE BACK FILLING.

COVERAGE

MULASTICOAT - two coat coverage 40-50 sq. ft. per gallon (may vary because of differences in substrate porosity).
SCRATCH KOTE 2000 - 150-200 sq. ft. per 65 lb bag.

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 WALL IS SUBJECT TO NEGATIVE SIDE WATER OR WATER VAPOR PRESSURE.

PACKAGING AND STORAGE

MULASTICOAT furnished in 1 and 5 gallon pails, 55 gallon drums and 275 gallon totes.
SCRATCH KOTE 2000 furnished in 65 lb bags.
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 - SLATEX SYSTEM (Below Grade)

MULASTICOAT

TEST	METHOD	RESULTS
1. Tensile/elongation.....	ASTM D412-83.....	Aged 717psi/392%
2. Bond Strength Concrete.....	ASTM C297.....	192psi
3. Low Temperature Flexibility.....		-5°F
4. Crack Bridging.....	L.A City Method.....	Total Elongation - 205%
5. Percolation.....	2" x 48" waterhead-48hrs.....	No loss
6. Accelerated Aging.....	ASTM D756 D + E.....	25 cycles - Passed
7. Water Vapor Transmittion.....	ASTM E96-BW.....	Grains/hr./ ft.sq. .0044

SCRATCH KOTE 2000

TEST	METHOD	RESULTS
1. Weatherometer.....	ASTM G23.....	2000 hours - 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.....	ASTM 1242A.....	1000cyc-1000gms Passed
6. 50-Cycle Freeze Thaw.....	ASTM C67.....	Passed
7. Flexural Strength.....	ASTM D790.....	Modulus of Rupture - 770psi
8. Impact Resistance.....	MIL-D-3134F.....	Passed



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