



## SCRATCH KOTE SYSTEM

### REPLASTERING SWIMMING POOLS, SPAS & PONDS

#### I. DESCRIPTION and SCOPE

The MULTICOAT **SCRATCH KOTE SYSTEM** is a super bonding, Synthetic Resin modified cementitious coating, which forms a hard, rough-textured Base Coat, securely bonding to a properly prepared pool, spa or pond substrate. MULTICOAT **SCRATCH KOTE 2000** provides an ideal surface to which plaster will firmly bond by both mechanical and chemical means. It is similar to gunite in both appearance and function. The scope of this specification is to describe all materials and installation procedures for the MULTICOAT **SCRATCH KOTE SYSTEM**.

#### II. MATERIALS

##### 1. SCRATCH KOTE 2000

As manufactured by MULTICOAT CORPORATION

Shall be a synthetic resin modified cementitious material, furnished in Dry Form, mixed with potable water at job site and installed per **APPLICATION** hereunder.

Physical properties of the cured mix shall meet or exceed the following test criteria:

#### SCRATCH KOTE 2000

	TEST	METHOD	RESULTS
1.	Weatherometer	ASTM G23	2000 Hrs - Passed
2.	Compressive Strength	ASTM C109... 45 Days air cured	2595psi
3.	Tensile Strength	ASTM-C190	457psi
4.	Bond Strength (Flatwise Tension)	ASTM-C297	225psi
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

### III. SURFACE PREPARATION

1. Check and completely remove all hollows and loose areas with picks and hammers.
2. Chip out minimum 2 inches below tile line and around all water inlets, return lines and light fixtures.
3. Sandblast or waterblast with sand injector (3,500 psi minimum) to remove all rust, algae, copper sulfate, soft flaky plaster, paint and other foreign materials.
4. Recheck for hollows, loose and flaky areas, **Soft flaky areas must be removed before SCRATCH KOTE 2000 is applied.**
5. Wash thoroughly with waterblaster and dry all areas to touch before proceeding.

### IV. APPLICATION

1. MULTICOAT SCRATCH KOTE 2000 is furnished in 65 lb. bags and field mixed with potable (clean) water in the approximate amount of 1 ¼ - 1 ½ gallons per bag, preferably with a special MULTICOAT Mixing Paddle.

Mix vigorously to disperse all lumps and to thoroughly wet all particles. Suggest 1 - 1 ½ minutes after all dry material added. Use margin trowel to clear vessel walls.

Check for consistency by applying to a prepared vertical pool wall with 1 ¼" nap roller. Applied material should not peak or slump. If too thick small clumps will come away with roller. Add small amount of water, remix and retest.

Apply with 1 ¼" nap roller or spray to entire prepared surface. **ALLOW TO CURE FOR A MINIMUM OF 24 HOURS BEFORE APPLYING POOL PLASTER-LONGER IN COOL WEATHER - 48 to 72 HOURS IS IDEAL.**

**NOTE: Indoor pools must have a minimum 72 hour cure time before applying pool plaster.**

### V. WARNING

Do not apply when substrate temperature is below 50oF, above 100oF, when ambient temperature is below 50oF and falling, above 100oF and rising, or if precipitation is expected within a 24 hour period.

### VI. WARRANTY

Materials are guaranteed with respect to uniformity and quality within manufacturers' specifications. Seller makes no other warranty, expressed or implied, regarding the use of its products. Since use of the product is beyond the Seller's control, the Buyer assumes all risks of use. Seller's sole obligation shall be to replace material if found to be defective. Seller shall not be liable for any damages, injury, loss, direct or indirect or consequential, resulting from use of its products.

Limited warranty available to experienced MULTICOAT Certified Applicators.