

CLEMONS CONCRETE COATINGS

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SUPER SEAL -30™ AGGREGATE & CONCRETE SEALER APPLICATION GUIDE

(Not applicable to brands other than SUPER SEAL -30™)

I. Product Application

A. Surface should be **CLEAN** and **DRY**.

- (1) Use power washer of at least 3000 PSI to clean aggregate drive.
- (2) Use Clemons CLEANER DEGREASER to remove oil and grease or other hard to remove soil. On heavy oil spots use full strength and work in with stiff bristle brush, let set for five minutes before rinsing off. **RINSE WELL**.
- (3) Use when temperature is between 50 degrees and 90 degrees F.
- (4) Allow concrete to **DRY** for 24 hours. Concrete may appear dry in few hours but will have moisture deep in its pores. The presence of dew or frost indicates concrete will not be dry.

B. Apply Heavily and Evenly.

- (1) Measure surface area. Plan to use 100 square feet to the gallon on exposed aggregate. Monitor use during application to insure even coating.
- (2) Use 1-1/4" long nap roller on exposed aggregate.
- (3) Do not pour sealer onto concrete directly as this will result in uneven application. Use 9" roller from can or pour sealer into wheelbarrow or heavy duty pan and work roller from it.
- (4) Do not apply pressure to roller when applying sealer. Do not try to spread sealer thinner than what it spreads by just rolling with one hand.
- (5) Cross roll. Keep roller soaked with sealer on first pass, and cross roll without re-dipping in a perpendicular direction to the original roll.

C. If applied to smooth troweled concrete:

- (1) Pre-etch concrete with Clemons ETCH & CLEAN
- (2) Use 3/8" nap roller. Apply at 300 square feet per gallon.
- (3) Use as **CURING AGENT** on new construction.

WARNING: Do not use indoors in occupied buildings! Turn off all pilot lights!

D. Allow sealer to dry on concrete.

- (1) Foot traffic should be avoided for 4 hours. Vehicle traffic should be avoided for 48 hours.
- (2) Do not reapply more than every 2 years to avoid build-up. Product will protect even after shine has diminished.

II. When Not to Use:

- A. Not recommended for use on cured plain exterior (broom finished) concrete
 - 1. Concrete darkens as if it were wet.
 - 2. Can bring out the imperfections in finish and cause a blotchy or non-homogeneous appearance.Use water-based acrylic Super Seal-B Coat on plain exterior concrete and Super Seal-A-Coat on plain interior concrete.
- B. Not recommended on brick.

Brick is like a sponge. If water can gain access to surface other than sealed surface, sun will pull moisture out of brick and will form a milky appearance under the sealer. Looks like a thermal pane window where seal has failed and moisture frosts the glass.
- C. Not recommended on tile, slate, stone or asphalt surfaces.
 - 1. Many stones are porous like brick and will have milky appearance problem
 - 2. Will make stone look wet and may bring out color variations in the stone.
- D. Do not use indoors in occupied buildings! Turn off all pilot lights!

III. Problems that may occur.

- A. Surface was not allowed to dry or it rains before sealer dries totally.
 - (1) Sealer may turn milky white. To solve go over surface with thin coat of sealer or solvent such as A100, Xylene, or Lacquer Thinner. This re-dissolves coating, allows moisture to escape and coating dries clear.
- B. Sealer surface scratched or damaged in some way.
 - (1) Clean damaged area.
 - (2) Apply sealer to damaged area.
- C. Streaks in drive after applying sealer.
 - (1) Sealer too thin or uneven. Roll a second coat across the grain from first coat.
 - (2) Dipped roller into bucket all the way to the bottom and picked up extra tint. Roll a second coat across the grain from first coat.
 - (3) Applied heavier in overlap areas. Should roll out smoothly to blend in or roll over area again only perpendicular to first roll.
 - (4) Did not stir tinted sealer bucket well before using. Roll a second coat across the grain from first coat
- D. Bubbles dried in film.
 - (1.) Air releasing from concrete may cause bubbles to dry in the film.
 - (2.) Once bubbles pop and dried flakes blow away, the film integrity should be intact.

IV. Conditions.

A. Cold weather.

- (1) Sealer will take longer to dry as temperature gets colder.
- (2) Very noticeable difference in drying time when temperature is under 50 degrees Fahrenheit. Allow more time to dry.
- (3) Sealer will not freeze but should not be applied when close to or below freezing.

B. When to apply on new aggregate or concrete.

- (1) As soon as surface is dry and can be walked on.
- (2) Applying sealer in first day or two will help the concrete to cure to maximum hardness.
- (3) When sealing fresh placed exposed aggregate, seal 24 hours after Surface Retarder has been washed off and scale removed.

C. Indoors

- (1.) Turn off pilot lights and all other open flames. Vapors are flammable!
- (2.) Ventilate well and use fans to force air.
- (3.) Do not use if neighbors will be affected by odor.
- (4.) If above are not practical do not use indoors.

Coverage Rate: All rates are approximate depending upon porosity of concrete.

Exposed Aggregate:	100 square feet per gallon
Broomed (plain) exterior:	200 square feet per gallon
Troweled smooth interior:	300 square feet per gallon