



Curing Your Concrete

<u>What is Curing?</u> Curing is the maintaining of a satisfactory moisture content and temperature in concrete during its early stages so that desired properties may develop. Curing and sealing is the final step in placing a quality slab and is the least expensive cost of the project.

CURING YOUR CONCRETE IS VERY IMPORTANT!

What Are the Benefits of Curing Your Concrete?

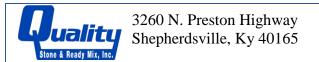
- Increases surface durability by almost 100%
- Reduces warping
- Reduces dusting surface
- Protects from deicing salts
- Reduces shrinkage cracking

<u>DO:</u>

- Read the instructions carefully.
- Consult with your supplier for a proper curing product or method, if a concrete topping or paint coating is to be applied to your concrete.
- Use a high solids product when possible.
- Apply curing *IMMEDIATELY* after finishing.
- Use a fan tip spray head if sprayer applied. Use a short nap roller, if roller applied.
- Expect the best performance from your concrete when properly cured.

DON'T:

- Leave the concrete for Mother Nature to cure.
- Apply curing compounds at ambient temperatures below 32°F.
- Apply over bleed water.
- Use as a bond breaker on tilt-up construction.
- Use a sodium silicate product for curing.





Methods of Curing:

- 1. Water Ponding
- 2. Fog Spray
- 3. Wet Burlap
- 4. Polytheylene Sheeting
- 5. Membrane Curing (Spray or roller applied)

Although all of the above methods will cure concrete, the least expensive, most convenient, and best performing method is Number 5 – spray or roller applied membranes.

<u>Products to Use:</u> On exterior concrete, a high solids product is most economical. It must be <u>power sprayed</u>, or roller applied, evenly and according to manufacturer's recommendation.

If low solids product is used, it can be sprayed or roller applied, but must be applied evenly to manufacturer's recommendation.

A high solids product will out-perform low solids products when properly applied at the recommended coverages.

Where concrete surface appearance is important, use a non-yellowing product; or to prevent sealer discoloration, use one containing a UV inhibitor.

Quality Stone and Ready Mix offers a variety of Cure & Seals for any type of job. All available sealers can be found on www.qualitystoneky.com or call us for full pricing and availability.

