

Curing Your Concrete

What is Curing? 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

DO:

- 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.



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Methods of Curing:

1. Water Ponding
2. Fog Spray
3. Wet Burlap
4. Polythylene 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.

Products to Use: On exterior concrete, a high solids product is most economical. It must be power sprayed, 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.

CONCRETE
LASTS A LIFETIME™