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Sonneborn®



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## SONOSIL

**Curing aid, hardening and dustproofing compound for concrete**

### Features

- Leaves no residue on concrete
- Available with fugitive red dye
- Soil and grease easily removed
- Water soluble
- Easy to apply, dries quickly

### Benefits

- Compatible with most resilient floor-covering adhesives
- Helps ensure even coverage
- Faster, simpler post-construction clean-up
- Spray equipment can be flushed; other application tools easily cleaned
- Saves labor costs

### Where to use Sonosil

- Freshly placed concrete
- Newly cured bare concrete
- Aged concrete
- Floors and walls
- Decks
- Docks
- Ramps
- Interior and Exterior

## How to Apply Sonosil

### Surface Preparation

#### General clean up

Remove all dirt, dust, oil, grease, asphalt, foreign matter, parting compounds. Use detergents or caustics as needed. Rinse and then remove surface water.

#### Freshly placed concrete

Before application, complete finishing operations and allow visible surface water to disappear. Surface must be able to bear foot traffic without marring or damaging the concrete.

#### Newly cured bare concrete

Where concrete has not been membrane-cured, perform after-construction clean up, level any areas gouged by trades, and follow general clean up instructions.

### Application

- 1) Apply Sonosil by brush, squeegee, or hand sprayer. Use spray application for best results.
- 2) Always apply to form a continuous, uniform film over the surface. Brush out puddles and runs immediately.
- 3) Under general conditions, one coat produces a light-duty surface. Surface wearability increases proportionally with each additional application. Coverage is influenced by surface conditions and porosity, as well as job requirements. **NOTE: It is the responsibility of the user to adjust the curing rate to properly regulate the hydration of the concrete.** Two applications may be required. The rates given are approximate, assuming average concrete finish, temperature,

and admixture used.

- 4) Each application must be thoroughly dried before the next is applied. (See Drying Time)

- 5) When used as a curing aid, apply to edges after forms are removed.

### Clean Up

Clean brushes, tools, and equipment and flush sprayers with clean water immediately after use.

### Drying Time

Sonosil penetrates in approximately 1/2 to 1 hour per application, influenced somewhat by temperature, humidity, and job conditions. Each application must penetrate thoroughly before proceeding. Sonosil must completely dry before accepting any traffic. Allow 24 hours before subjecting to heavy traffic.

## For Best Performance

- Applications under high humidity conditions may produce a slippery film. This may be removed with clean water and a stiff-bristled broom.
- Application temperatures greater than 80°F (27°C) or low humidity will require additional Sonosil.
- Wait at least 7 days before applying tile or floor covering adhesives over Sonosil. Before applying adhesives,

wash surface with water and detergent and allow to thoroughly dry. A test application is mandatory.

- Sonneborn is not responsible for carbonation, microcracking, checking, crazing, or porous finishes.
- Protect metal, glass, wood, paint, and brick from contact with Sonosil. If Sonosil is accidentally misapplied to these surfaces, wash with clean water within 30 minutes.

### Coverage

Approximate Sq. ft. per gallon per coat	Rough finish	Finely textured	Well troweled
Newly placed concrete	300	400	500
Newly cured bare concrete	200	300	400
Aged concrete	150	200	250
Vertical work		200	300
Succeeding coats	For best results, increase coverage rate for each succeeding coat.		

Coverage varies with application method and the texture and porosity of the surface.

### Order Information

- 5 gallon pail (18.9 L)
- 55 gallon drum (208 L)