

Conpro C309 Cure & Seal

**Spray or roller applied,
acrylic curing, sealing
and dust proofing compound.
Meets ASTM C309,
Type 1 Class A or B.**

WHERE TO USE
**Apply to new concrete
and other cementitious materials
to improve curing
and reduce surface dusting.**

PERFORMANCE CHARACTERISTICS

Environmentally friendly

- Water based, low odor, non-flammable.

Controls hydration

- Minimizes cracking due to rapid drying shrinkage. Helps materials achieve peak physical properties.

UV stable

- Will not yellow.

Reduce dusting

- Less maintenance, healthier environment for people and equipment.

Protection

- Reduces spalling and flaking. Minimizes staining of surface.

Breathability

- Water vapor permeable.

Non re-emulsifying

- Once cured will not be affected by water.

Easy to use

- Spray with low pressure sprayer.

SURFACE PREPARATION

- Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper adhesion.
- Freshly placed materials must be sound and properly finished.
- Protect adjacent areas from overspray.

PRIMING

- Priming is not necessary.

MIXING

- Stir or shake container.

APPLICATION

- Spray, roll, or brush *Conpro C309 Cure & Seal* in a continuous uniform 6 mils. wet application.
- For roller applications use a 3/8 - 1/2 inch synthetic nap roller depending on texture of substrate.
- For spray applications use a low pressure sprayer.
- For curing apply 1 coat.
- To seal and dustproof, 2 coats are required.
- Apply in 2 passes at 90° to one another to ensure complete coverage.
- The second coat may be applied after construction work is complete and ready for occupancy.

CURING

- Allow drying 4 hours @ 72°F for light foot traffic and between coats.
- Allow 24 hours @ 72°F for normal traffic.

CLEAN UP

- Clean tools and equipment with water.

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COVERAGE/YIELD

- 200 - 300 ft.²/gal. depending on porosity of treated surface.
- Second coat coverage approximately 350 ft.²/gal.
- Apply a test sample to determine actual coverage.

PRODUCT HANDLING

Packaging

- 1 and 5 gallon containers.

Shelf Life

- 18 months in unopened containers.

Storage

- Protect from freezing.
- Transport and store in cool, clean, dry conditions in unopened containers.
- High temperature will reduce shelf life.

LIMITATIONS

- Do not apply unless substrate and ambient temperature can be maintained at a minimum of 40°F for 8 hours. Refer to ACI Cold Weather Application Guidelines.
- Protect from moisture for 8 hours.
- Do not apply to frozen substrates.
- Use caution when spraying in windy circumstances.

HEALTH AND SAFETY

- Product is alkaline.
- Do not ingest.
- Avoid contact with eyes.
- Refer to Material Safety Data Sheet (MSDS) for additional information.

FIRST AID

- In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional. For respiratory problems, remove person to fresh air. If respiratory difficulty persists, contact a medical professional.

DISPOSAL

- Dispose of material in accordance with local, state or federal regulations.

TECHNICAL DATA

Physical state and appearance		White – milky liquid
Base		Aqueous
Polymer		100% acrylic
pH		>9.0
Percent solids by weight		15%
Flash point	ASTM D56	>200°F Seta cc
Viscosity	ASTM D562	Similar to water
Volatile organic content – VOC	ASTM D3960	Less than 60 gms./liter
Density of liquid coatings	ASTM D1475	8.4 lbs./gal.
Drying time	ASTM C309	Less than 4 hours @ 72°F and 50% RH
Specification for concrete curing compounds	ASTM C309	Type 1 – Class A and B
Water retention	ASTM C156	Loss was less than 0.55 kg./m. ²
Degree of setting	ASTM D1309	9 – pass – required rating is 4 or higher

FOR PROFESSIONAL USE ONLY

Conproco Corp. warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. January 2005.

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