

RUSSTECH[®]

CURE & SEAL 250

NON-YELLOWING ACRYLIC COPOLYMER FOR CURING, SEALING, AND DUST PROOFING CONCRETE SURFACES

DESCRIPTION:

Cure & Seal 250 is a ready to use, non-yellowing acrylic copolymer designed to cure concrete and provide a durable protective coating for both interior and exterior architectural and exposed concrete surfaces.

Cure & Seal 250 is an acrylic, water white, fast drying, and sprayable sealer. It forms a tough, impervious bond to concrete that is resistant to fresh cement alkalis, salts, most stains and dirt penetration.

ADVANTAGES:

Cure & Seal 250 is designed to provide a clear curing film to promote proper cure and hardening of new concrete and to enhance all concrete surfaces, both new and existing, by developing an abrasion resistant, glossy film.

Cure & Seal 250 when applied to architectural panels as a sealer prevents premature weathering and enhances the beauty of exposed aggregate.

Cure & Seal 250 protects terrazzo floors, concrete tiles, colored concrete and exposed panels against discoloration caused by efflorescence, dust, air pollutants and spillage of mild chemicals and petroleum products. A two coat application on exterior surfaces will minimize the possibility of scaling.

APPLICATIONS:

Cure & Seal 250 should be used for the curing, sealing and dust proofing of:

- Floor Slabs
- Exterior Pavements
- Warehouse Floors
- Exposed Aggregate Surfaces
- Concrete Tilt-Up Panels
- Terrazzo Floors
- Parking Garages
- Walls and Columns

LIMITATIONS:

Cure & Seal 250 should not be utilized in any application where it will subsequently be covered with any type of cementitious, polyester or epoxy coating.

Cure & Seal 250 cannot be applied over standing water or over bituminous asphalt or resilient tiles as it may soften surfaces.

When using **Cure & Seal 250** on colored concrete surfaces, test in an inconspicuous area to assure compatibility and guard against possible discoloration or mottling.

STORAGE:

Material will not freeze in storage but should be allowed to warm to 50 F (10 C) before use. Do not apply when concrete surface or ambient temperature is below 35 F (2 C).

PACKAGING:

Cure & Seal 250 is available in 55-gallon drums, 5-gallon pails, and 1-gallon containers.

SPECIFICATIONS:

Applicable Standards:

ASTM C 1315 Type 1 Class A
ASTM C 309 Type 1, Class A&B
AASHTO M 148 Type 1 Class A&B
Federal Specification TTC-800A

Cure & Seal 250 meets VOC contents in accordance to EPA 40 CFR Part 59 Table 1 Subpart D for Concrete Curing and Sealing Compounds with a maximum VOC content of 682 g/L

TECHNICAL DATA:

Weight per gallon:	7.50
Percent solids (%):	25.0
Dry to touch, minutes:	20.0
Dry hard, minutes:	45.0
Flash Point:	110 F (43 C)
Sprayability at 50F (10C):	Sprayable
Water Loss (ASTM C 156):	Passes
Salt Spray (500 Hours):	Passes
UV Resistance:	Complete
Solvent resistance:	Minimal

COVERAGE RATES:

Square feet per Gallon:

Curing and sealing new concrete:

1st coat @	250-300
2nd coat @	300-400

Sealing and dust proofing old concrete:

1st coat @	300-350
2nd coat @	350-450

Scaling protection:

2 coats @	250 sq. ft. /gal.
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DIRECTIONS FOR USE:

Surface Preparation: New concrete surfaces are ready for application of **Cure & Seal 250** when surface water-glazing or sheen has disappeared. Old concrete surfaces must be free of oil, dirt, wax and/or other foreign material.

Fresh Concrete: Apply with a sprayer or short nap roller. Apply **Cure & Seal 250** uniformly from drum or pail. Do not dilute or puddle. If applying two coats, allow 4-6 hours dry time between coats.

Old Concrete: Completely degrease and clean surface. When surface is completely dry, apply two uniform coats of **Cure & Seal 250** with a sprayer or short nap roller. Allow 4 - 6 hours dry time between coats.

Precautions: Always use **Cure & Seal 250** with adequate ventilation. Avoid breathing vapors. Wear protective gloves and goggles. Do not apply in the presence of people or food. People and food may be returned to treated area when there are no longer any odors present.

Combustible: Keep product along with empty drums, pails and cans away from heat or open flame.

Clean Up: Use **RussSolve 100** or Xylene to clean application equipment

WARRANTY:

RussTech Inc. guarantees **Cure & Seal 250** in its original sealed containers to be free of contaminants and when used according to directions will provide positive sealing protection to concrete surfaces from water and other contaminants.

All information provided herein is believed to be true and accurate and is presented in good faith. RussTech, its agents and distributors assume no responsibility for any risks or liability which may arise from either the use or performance of this product since conditions, applications and capabilities of the applicators are beyond our control.

AVAILABLE COLORS:

- Clear

SHELF LIFE:

18 months

VISIT US ON THE WEB AT:

www.RussTechnet.com



RussTech Inc.

"We Add The Difference"