

RUSSTECH®

CURE & SEAL 300X

LOW VOC ACRYLIC COPOLYMER FOR CURING AND SEALING CONCRETE SURFACES

DESCRIPTION:

Cure & Seal 300X is a low VOC ready to use, acrylic copolymer designed to cure concrete and provide a durable protective coating for both interior and exterior architectural and exposed concrete surfaces.

Cure & Seal 300X is an acrylic, water white, fast drying and sprayable sealer formulated with a special solvent that insures proper compliance with local VOC laws where applicable. It forms a tough, impervious bond to concrete that is resistant to fresh cement alkalis, salts, most stains and dirt penetration.

ADVANTAGES:

Cure & Seal 300X has a low VOC content.

Cure & Seal 300X 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 300X when applied to architectural panels as a sealer prevents premature weathering and enhances the beauty of exposed aggregate. **Cure & Seal 300X** protects all concrete surfaces 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 300X should be used for the curing, sealing and dust proofing of:

- Floor Slabs
- Exterior Pavements
- Warehouse Floors
- Exposed Aggregate Surfaces
- Parking Garages
- Walls and Columns

LIMITATIONS:

Cure & Seal 300X should not be utilized in any application where it will subsequently be covered with any type of cementitious, polyester or epoxy coating. **Cure & Seal 300X** cannot be applied over standing water or over bituminous asphalt or resilient tiles as it may soften surfaces. When using **Cure & Seal 300X** 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 40 F (4 C).

PACKAGING:

Cure & Seal 300X is available in 55-gallon drums, 5-gallon pails, and 1-gallon containers.

SPECIFICATIONS:

Applicable Standards

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

COMPLIANCE:

Cure & Seal 300X is compliant with all Federal AIM Rule VOC regulations and with VOC standards in the OTC and LADCO states.

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ADMIXTURES

TECHNICAL DATA:

Weight per gallon:	8.75
Percent solids (%):	30.0
Dry to touch, minutes:	30.0
Dry hard, minutes:	60.0
Flash Point:	63 F (17 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 @	250-500
2nd coat @	300-600

Sealing and dust proofing old concrete:

1st coat @	200-500
2nd coat @	300-600

Scaling protection:

2 coats @	300 sq. ft. /gal.
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DIRECTIONS FOR USE:

Cure & Seal 300X dries at a faster rate than traditional solvent based cure and seals. Apply material with the spray tip as close as possible to the concrete surface. Avoid application in windy conditions, on hot surfaces or in direct sunlight as this can cause **Cure & Seal 300X** to bubble on the surface as it will dry too quickly. Surface bubbling can be fixed with the use of **RussSolve 100** or Xylene

Surface Preparation: New concrete surfaces are ready for application of **Cure & Seal 300X** when surface water glazing or sheen has disappeared. Old concrete surfaces must be free of oil, dirt, wax and/or other foreign material. Apply **Cure & Seal 300X** in thin coats for best performance.

Fresh Concrete: Apply with low pressure sprayer or short nap roller. Apply **Cure & Seal 300X** 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 300X** with a sprayer or short nap roller. Allow 4 - 6 hours dry time between coats.

Precautions: **Cure & Seal 300X** is a flammable liquid. Always use 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.

Flammable: 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 300X** 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
- Brown

SHELF LIFE:

18 months

VISIT US ON THE WEB AT:

www.RussTechnet.com



RussTech Inc.

"We Add The Difference"