

K A U F M A N

PRODUCT
INFORMATION

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CURE & SEAL 309 Emulsion

Description

Cure & Seal 309 Emulsion is a water based emulsion of a blend of colorless acrylic modified resins that form a membrane compound for curing & sealing concrete and for sealing, hardening and dust proofing existing concrete. This scientific blend of resins designed to retard the evaporation of moisture from the surface of concrete. It will retain 95% of the gauging water for at least 3 days. It is also compatible with adhesives used with resilient tile and carpeting.

Cure & Seal 309 is a low viscosity solution suitable for spray or rolling at temperatures as low as 40°F. As it cures, the surface is simultaneously sealed and protected from stains during construction. Clean-up time at the end of the job is quicker, because dirt lies on the top of the Cure & Seal 309 film.

Uses

Use Cure & Seal 309 on concrete surfaces to prevent rapid evaporation of water from the surface of freshly placed concrete, Cure & Seal 309 allows the moisture to remain so the cement hydrates and develops strength. In addition to curing, Cure & Seal 309 is recommended for slabs that will have resilient floor tile and carpets. A second coat may be applied after the work is completed for better looks and protection.

On aged concrete, Cure & Seal 309 seals, hardens and helps to dust-proofing the surface. Two applications are generally recommended for this purpose. On exposed aggregate surfaces, Cure & Seal 309 increases gloss, durability and protection against infiltration of dirt, chemicals and other foreign matter.

Compliances

ASTM C-309, Type I or ID, Class A & B

Physical Characteristics @ 75°F, 50% RH

Color	Wet: White Dry: Clear
NVM	14%
Viscosity	40-90 cps
Specific Gravity	1.01
Dry Time	1-2 hours
Recoat Time	2-24 hours
Foot Traffic	2-4 hours
Wheel Traffic	6-10 hours
VOC Content	< 350 g/L
Moisture Loss	<0.55 kg/m ²
Flash Point	>500°F
Shelf Life	1 year in unopened container

Packaging

55 gal. drum (208 liters)
5 gal. pail (18.9 liters)

Directions

Surface Preparation

Fresh Concrete -Cure & Seal 309 should be applied within 1-2 hours after completion of the finishing operation or as soon as possible after surface water has disappeared. Coat surface uniformly, leaving no pinholes or gaps, at a coverage rate not to exceed 200 sq. ft. (18.5 sq. m.) per gallon. Apply with good quality hand sprayer specifically designed for curing compounds or Kaufman's Power Sprayer as soon as the surface is sufficiently hard, so that it will not be marred. Do not puddle.

Apply second coat, after previous coat has dried at least overnight. Be sure both coats are dry and hard before opening slabs to traffic.

Aged Concrete - Remove all foreign matter. Apply as described above, however coverage rate may vary from 200-400 sq. ft. per gallon depending on texture and porosity of surface. All clear sealers will produce an uneven gloss when applied to existing concrete.

Note

Emulsified Cure & Seal 309 will freeze at temperatures below 32 °F. If allowed to freeze, thaw thoroughly before use. Always stir well before use. Freezing will not harm the product. If frozen or stored for extended periods, agitate gently before use. Emulsified Cure & Seal 309 is not recommended for application to surfaces previously treated with a form oil or release agent. Clean equipment with Easi Kleen EM. Do not thin. Do not apply to surfaces meant to receive a cementitious topping. When used on exterior concrete an amber color may develop when applied at a heavier application. Read Material Safety Data before using.

For more complete instructions, please refer to "*Recommended Field Procedures for Curing & Sealing Compounds.*"