

Waterborne Epoxy Coating

Applications

Two-part waterborne epoxy coating for concrete. Produces a hard polymer film that protects concrete from penetration when exposed to hydrocarbons and some chemicals.



Performance Properties

- Hard polymer after curing
- Can be applied with brush or roller
- Polymer film protects against water intrusion
- Excellent fuel resistance
- Indoor / outdoor application
- Tack free time: 60-75 minutes @ 72° F
- In service: 48 hours minimum
- Pot life after mixing: 4 hours
- Recommended coating thickness: 2-5 mils dry (5-11 mils wet)
- Coverage rate: 320 SF/Gal (2 mil dry), 210 SF/Gal (3 mil dry)

Performance Properties

Color:	Blue
Solids content:	40%
Flash point:	>212° F
VOC:	78 g/l
Application Temperature:	50° - 110° F
Application humidity level:	< 80% RH
Clean-up:	Warm, soapy water while wet

Directions for Use

Surface Preparation: CS-90 must be applied to clean, structurally sound, dry concrete free from surface contamination that may inhibit bonding to the concrete, i.e., laitance, dust, form release oils, previous coatings.

New Concrete Surfaces

- Cure concrete until 80% strength level is attained (typically 14-28 days).
- Remove laitance and roughen unusually slick concrete areas by acid etching, sand-sweeping, or shot-blasting.
- Rinse thoroughly with water and allow to dry.
- Remove loose aggregate.
- Dry overnight prior to coating.
- Fill voids and cracks in areas of need with a suitable epoxy filler.

Application Temperature & Curing Time Requirements

Color:	Part A: White; Part B: Dark Blue
Mix Ratio A:B	2:1 (by weight)
Mix Instructions:	Mix Part A and Part B individually and then add contents of Part B to Part A to yield 1 gallon. Mix well. Mix until a uniform light Blue color is homogenously seen throughout the container.
Working Life:	3-4 hours, note that this product does not show an increase in viscosity at or near the end of its pot life. Product gloss will diminish greatly as the pot life is approached or passed. Total cure of coating is attained over a 7 – 10-day period.
Cure Time:	30-90 minutes, note that once the applied coating has transformed from an opaque blue liquid to a tacky, blue transparent film a subsequent coating application can commence.
Recommended Film Thickness:	2.0 – 5.0 mils dry (5 – 11 mils wet).
Coverage Rate:	320 ft ² /gal yields 2 mil dry coverage 213 ft ² /gal yields 3 mil dry coverage

Clean Up: Clean equipment and spills while the product is wet for best results. Cleans up with warm, soapy water.

DO NOT SUBJECT CS-90 TO FREEZING TEMPERATURES

Limited Warranty

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