

Don't Just Seal It. ConSeal It!

Surface Preparation

- All curing agents, hardeners, oil, grease, form release oil, dirt, laitance, concrete dust or other contaminants must be removed prior to beginning coating processes.
- Surface preparation methods should result in clean concrete, devoid of contaminated surfaces with ideally an adequate surface profile (surface similar to medium grade sandpaper).
- Inspect surface for soundness. Repair or remove any surface irregularities and loose concrete. Use an approved crack filler on holes and cracks. When surface is clean, sound and dry proceed with coating application.

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.

Environmental Limitations

- During installation and initial cure cycle of CS-90, concrete, as well as ambient air temperature, must be 50°F minimum.
- Avoid application of CS-90 when the relative humidity is above 80%.
- Concrete temperature must be at least 5°F above the dew point.
- CS-90 is an epoxy product. Epoxy products will chalk upon UV exposure. Do not use CS-90 in outdoor applications unless the surface will be top coated with a UV resistant, opaque coating system.

Application Properties

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| Color: | Part A: White; Part B: Dark Blue | Mix Instructions: | Mix Part A and Part B individually and then add contents of Part B to Part A. Mix well. Mix until a uniform light Blue color is homogenously seen throughout the container. |
| Mix Ratio: | 2:1 (by weight) | 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. |
| Mix Instructions: | Mix Part A and Part B individually and then add contents of Part B to Part A. Mix well. Mix until a uniform light Blue color is homogenously seen throughout the container. | Recommended Film Thickness: | 2.0 – 5.0 mils dry (5 – 11 mils wet). |
| Viscosity: | Part A: 4,000-7,000 cps Part B: 8,000-11,000 cps Mixed: 250-600 cps | Cure Time: | 30-90 minutes. Note that once the applied coating has transformed from a opaque blue liquid to a tacky, blue transparent film a subsequent coating application can commence. |
| Coverage Rate: | 320 ft ² /gal yields 2 mil dry coverage 213 ft ² /gal yields 3 mil dry coverage | | |

Storage and Disposal

Do not freeze! Keep containers closed when not in use. Store between 40°F and 90°F. In case of spillage, absorb with inert material such as sand or kitty litter. Dispose of in accordance with local, state and federal regulations.

Clean Up

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

Disclaimer: This publication is to assist users to understand the proper use of ConSeal's products. Contact ConSeal's technical staff for installation instructions that meet your specific requirement. Concrete Sealants, Inc. does not warranty any improper use of its products.