



SEAL OF SECURITY. BOND OF TRUST.

ConSeal™ CS-98

HIGH-BUILD ULTRA-PERFORMANCE
EPOXY COATING

High-Build, 100% Solids, Primerless, Advanced Chemical Resistant Epoxy

APPLICATIONS

Two-part, high-build, primerless, 100% solids, solvent-free epoxy coating for concrete and metal. Produces a thick durable polymer film that protects the surface from penetration when exposed to gasoline, oil, hydrocarbons, bases, acids, and many other chemicals. High-build formula allows for excellent coverage and protection over irregular shapes.

PERFORMANCE PROPERTIES

- Thick, durable, solid coating after cure
- Can be applied with brush or roller
- High-build polymer film protects against water intrusion
- Excellent fuel resistance
- Indoor application
- Set time: 4 Hours @72°F
- In service: 24 hours minimum
- Pot life after mixing: 30 minutes @77°F
1 Hour @40°F
- Recommended coating thickness: 30-mil wet
- Coverage rate: 50 SF/Gal (30-mil dry)
- Meets or exceeds requirements of Severe Wastewater Analysis Testing (SWAT) - **ASTM G210-13 (23)**
- Meets or exceeds requirements of Chemical Resistance of Concrete Products to Acid Attack - **ASTM C1898**

PHYSICAL PROPERTIES

Colors:	Black, Gray, Red, Orange, Green, Yellow, Blue
Solids content:	100%
Application Temperature:	40°F - 120°F (4°C to 49°C)
Adhesion to Brushed Steel (ASTM D4541):	1,900 psi
Adhesive Strength (ASTM C882):	7,382 psi
Adhesion Strength (ASTM D7234):	Substrate Failure
Abrasion Resistance (ASTM D4060):	7.3mg loss (1 kg - 1000 cycle CS-17 wheel)
Flexural Strength (ASTM D790):	17,000 psi
Salt Fog Exposure (ASTM B117):	No rusting after 2000 Hours
Product Storage:	68°F to 104°F (20°C to 40°C)



AFTER MIXING, DO NOT LEAVE IN BUCKET; WILL RAPIDLY CURE AT DANGEROUS TEMPERATURES

READ AND UNDERSTAND ALL SAFETY PRECAUTIONS BEFORE USE. WEAR APPROPRIATE PPE, INCLUDING CHEMICAL-RESISTANT GLOVES, PROTECTIVE CLOTHING, AND EYE AND FACE PROTECTION. USE APPROVED RESPIRATORY PROTECTION WHERE VENTILATION IS INADEQUATE. AVOID INHALATION OF FUMES FROM PART B AND THE MIXED COATING. WASH THOROUGHLY AFTER HANDLING. SEE THE COMPLETE SAFETY DATA SHEET (SDS) FOR ADDITIONAL SAFETY INFORMATION AND HANDLING REQUIREMENTS.

DIRECTIONS FOR USE

Surface Preparation: No primer is required for ConSeal's CS-98 High-Build, Ultra-Performance Epoxy Coating. CS-98 must be applied to clean, structurally sound, dry concrete or metal surfaces that are free of contaminants that may inhibit bonding, including dust, dirt, grease, form release agents, laitance, and debris.

Application Conditions: The ideal application temperature range is between 40°F and 120°F.

Application Method: Apply using a brush or roller at a recommended thickness of 30 mils wet.

For Concrete: The concrete surface must be dry and allowed to reach the surrounding air temperature prior to application. Lightly abrade the surface using a wire brush, concrete sanding brick, or coarse grit sandpaper to produce a slightly roughened profile. Remove all dust and debris using a vacuum or damp rag. Bugholes on the interior of a sewer manhole shall be filled using a suitable material such as Rubcrete by ALP or an equivalent product. Exterior bugholes larger than 3/8 in. (8 mm) in diameter, or exceeding 50 bugholes per square inch, shall be filled prior to coating.

For Metal: Clean the surface with a brush and remove any dirt or debris, which could keep CS-98 from adhering to the metal. Once all debris has been removed, all dust and grease like substances should be removed with denatured alcohol or similar cleaner. For best adhesion on steel, surface should be prepared by sand blasting.

Mixing Information & Curing Time Requirements

Color: Part A: Color; Part B: Yellow-White/Dark Beige

Mix Ratio A:B 2:1 ratio by weight

Mix Instructions: **Mix each part separately. Add Part A into Part B and mix well. For proper performance, CS-98 must be mechanically mixed using a powered drill and paddle mixer. Hand mixing will not properly blend the components and is not recommended.**

Curing and Recoat: 4 hours @ 72°F. CS-98 can be applied by brush or 3/16" nap roller. To apply additional coat, after coat has cured, abrade the surface with medium grit and another layer can be applied. Higher temperatures will reduce the open time of the mixed coating. Cure time will decrease at higher temperatures. Will not cure at exceedingly low temperatures.

Recommended Film Thickness: 30-mil wet. **Apply liberally;** no shrinkage upon cure.

Coverage Rate: 50 SF/gal (30-mil dry)

Clean Up: Clean equipment and spill while the product is wet. Clean with MEK or Acetone.

Mechanical scraping will be necessary for cured product.

LIMITED WARRANTY

This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combinations for their own purposes. It is the users' responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use. We sell this product without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product, whether used alone or in combination with other products.

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