

Why Epoxytec CPP™ Sprayliner™

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- Proven CPP series
 - All-in-one-shot, structural liner/coating
 - 1:1 ratio by volume
 - Surface and moisture tolerant
 - Excellent adhesion
 - Ultra-high build
 - Durable and resistant
 - Easily maintainable and repairable
 - Eliminates infiltration/exfiltration (sealed system – NOT cementitious, no porosity/permeability)
 - Minimal downtime, rapid return to service
 - The CPP series is an EPA-ETV Verified Technology for Infrastructure Rehabilitation
 - Environmentally friendly –no VOCs, no solvents



CPP™ Sprayliner™

- **Proven**
Probably the most important aspect of any coating is its proven application and effectiveness in different environments. Formulated from the popular CPP™ product “as equal,” this technology has been used throughout the U.S. for fluid flow processing and collection structures, nationwide municipalities, and private industries. CPP™ has proven itself since 1990 with excellent results in some of the most severe environments known across the Country. (i.e. closed anaerobic digesters, lift stations, manholes, up to 1,000ppm H₂S).
- **All-in-one-shot, structural liner/coating**
CPP™ Sprayliner, when used as coating/liner, can resurface, rebuild, and protect all-in-one-shot as a sealed system preventing infiltration and exfiltration, and combating the effects of corrosion. Many times corrosion can deteriorate concrete and risk the integrity of the structure. In addition to the aforementioned, CPP™ Sprayliner perform exceptionally over rebar and for repairs to areas on concern as it boasts high compressive strength with high flexural properties, making it a structural system for many application and designs.

- **1:1 ratio by volume**

What this means to the applicator is that it is a well-controlled and metered material to mix, meaning less room for human error, and higher installation success.

- **Surface and moisture tolerant**

The CPP™ Sprayliner is tolerant to moisture saturated concrete and terrific for areas typically requiring high bond strength to challenging substrates. This is a unique quality that is needed and used in the water and wastewater environments. Very few systems can withstand high levels of moisture without failing. The CPP™ Sprayliner performs well in humid environments (especially found in closed environment structures) such as closed tanks, pipes and underground structures. It's great to use, while some structures are in service, as it can cure without any effects exposed to splash or even overflow, as long as the flow is not aggressive.

- **Excellent adhesion**

Adhesion is one of the most important features of any coating in preventing corrosion for the long-term. CPP™ Sprayliner is self-priming and has unbelievable adhesive properties. CPP™ Sprayliner bonds to most surfaces, often outperforming even to questionable imperfect surfaces or unknowns with substrate breaking bond strength on concrete (greater than the cohesive strength of concrete itself).

- **High build (up to 1/4" in a single pass)**

Simply stated, the CPP™ Sprayliner can hang at a minimum recommended 100 mils, to nearly 250 mils without sagging per pass. Moments later, the CPP™ Sprayliner can be further built to higher thicknesses, within multiple passes for multiple thickness requirements all within minutes of each other.

- **Durable & Resistant**

CPP™ Sprayliner does not act like a typical coating; rather it can be better categorized as a permanent barrier shell or patch. It does not fail due to delamination like a thin or brittle coating could. It can take chemical attack, gaseous or microbial attack, hydrostatic pressure, rooting pressure, vibration, and other attacking forces.

- **Easily maintainable and repairable**

CPP™ Sprayliner is a system that can be recoated, repaired, and touched-up without complicated preparation or mobilization- simple cleaning and degreasing is all that is needed. Utilizing regular CPP™, it can be easily repaired and maintained as it never loses its recoat window, nor fails catastrophically. This makes having a long term maintenance program feasible with high life-cycle expectations, usually just requiring simple visual inspection and touch-up (often just with a brush) when needed. Doing this can extend the life-expectancy for decades with a minimal investment and uncomplicated application.

- **Eliminates infiltration/exfiltration**

CPP™ Sprayliner is a 100% solids epoxy. Unlike cementitious materials, this product is 100% epoxy and therefore exhibits near-zero permeability as a truly sealed system.

- **Minimal downtime, rapid return to service**

CPP™ Sprayliner is sprayed hot. This force cures the material, at temperature nearing 150F, the material often times initially cures within 15 minutes to a dry/hard state.

- **EPA-ETV verified for Infrastructure Rehabilitation Technologies**

<http://www.epa.gov/nrmrl/std/etv/vt-wqp.html#irt>



By 3rd party verification protocols, the United States EPA established testing methods and proves the truth in performance of a technology under specific, pre-determined criteria, testing conditions, and data quality assurance procedures to verify technology claims- CPP™ passed all with flying colors.

- **100% solids (no VOCs, no solvents, no fumes)**

CPP™ Sprayliner is formulated with 100% solids, with zero VOCs (volatile organic compounds). Once cured, the material exhibits sustainability and seals and protects the environment and critical infrastructure from contaminants.



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