

## Why Epoxytec CPP™

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- Use to fill, repair, patch, and/or to resurface and line (all-in-one-shot)
  - Eliminates infiltration/exfiltration (sealed system – NOT cementitious, no porosity/permeability)
  - No investment in heavy equipment (simply mix and trowel-apply)
  - Easy-to-mix, easy-to-apply, premeasured kits
  - Minimal downtime, rapid return to service
  - No need for sand blasting (water blast instead)
  - Ultra-high build, no sag (apply up to half-inch per pass)
  - Structural (16,000 psi compressive strength)
  - Self-priming, highly adhesive and forgiving
  - Moisture tolerant (can even cure in saturated conditions while in service)
  - Repairable, ties back into itself indefinitely
  - Chemical resistant, including H<sub>2</sub>S
  - Proven (over 20 years at Miami-Dade Water & Sewer)
  - Tolerant to ground movement, and traffic vibration
  - Holds back roots
  - Environmentally friendly – “green”, no VOCs, no solvents



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Sustainable Solutions  
Initiative  
Go “Green” Seal

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### CPP™

- **Proven**  
Probably the most important aspect of any coating is its proven application and effectiveness in different environments. CPP™ has been used throughout Miami-Dade Water & Sewer’s fluid flow processing and collection structures. It 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, etc).
- **All-in-one-shot, Structural Liner/Coating**  
CPP™ 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™ perform exceptionally over rebar and for repairs to areas on concern as it boast up to 16,000 psi compressive strength, making it a structural fix.

- **Easy Mix, Easy Mobilization, Ease of Application**

What this means to the applicator is that it is easy to mix, no complicated mix ratio, meaning less room for human error, higher installation success. Kits are either 1-to-1, or available in a premeasured unit requiring no complicated equipment to use. CPP™ can be simply applied by trowel, when other coatings require expensive application systems from \$20,000 to over \$80,000 per sprayer.

- **Moisture and Wet Tolerant (can even cure underwater)**

Wet tolerant is actually an understatement for CPP™, because CPP™ can adhere and cure under water (used to repair seawalls underwater). 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™ 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.

- **Adhesion**

Adhesion is one of the most important features of any coating in preventing corrosion for the long-term. CPP™ is self-priming and has unbelievable adhesive properties. CPP™ adheres 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).

- **Forgiving & Surface Tolerant**

This is where CPP™ shines. CPP™ has been proven to be extremely surface friendly. The coating can often bridge the gap when unknown environmental control limitations occur (often happening unintentionally), the coating is able to be applied and outperform better than typical surface sensitive competitive products. It adheres impressively well even to questionable imperfect surfaces or unknowns with substrate breaking bond strength.

- **High Build (up to ½" in a single pass)**

What this means to the applicator is that they can apply a thick coating on the first time and eliminate multiple coatings costing time and labor, which results in costing money.

- **Durable & Resistant**

CPP™ 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 coatings could. It can take chemical attack, gaseous or microbial attack, hydrostatic pressure, rooting pressure, vibration and decent impact, etc.

- **Easily Repairable**

CPP™ is a system that can be recoated, repaired, and touched-up without complicated preparation - simple cleaning and degreasing is all that is needed. 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.

- **“Green” – 100% solids (no VOCs, no solvents, no fumes)**

CPP™ 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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If you have any questions or concerns,  
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*"High performance products that work where others fail"*