

## “How to use Epoxytec CPP™ properly”

READ FIRST: This document is provide as a “basic” guideline for trowel-applied CPP applications, and not intended for spraying CPP. For more comprehensive know-how and training, please consider contacting Epoxytec to learn more about becoming an Epoxytec Certified Application Partner.

### 1. Before you get started using CPP™

- a. **Make sure your substrate is prepared properly.** This means preparing to SSPC-SP13/NACE No. 6 (water blast with high pressure, abrasive blast, etc). Make sure the substrate is dry (no active leaks) and clean of all contaminants.
- b. **Make sure the CPP™ was stored in a lukewarm environment.** CPP’s part A is a paste and when its stored cold (under 70F) is tends to be stiff and a bit difficult to mix. If the storage climate was cold before use, we recommend moderately warming the pails a few hours before use. This can be done a variety of different ways such as keeping it a heated space for a few hours or blanketing the pails with some kind of heat (such as electric heated blankets or pads).

### 2. Pour about ¼ of resin into paste and start mixing with a strong hand drill with a medium size mixing bit.



### 3. When the material starts to soften, add the rest of the resin and continue mixing for a good 4 - 5 minutes. CPP should be uniform in color, no streaks. Thorough mixing is important to cure and perform properly.



4. **Once you have a good mix, spread the CPP™ out on a mixing board.** Epoxy based products last longer (have an extended pot life) if they are not left in the bucket. The more spread out they are, the longer they last.

*Another factor to consider for pot life is the temperature, of both the product and the environment.  
The hotter the product and the environment, the shorter the pot life.*

*During hot days, try to keep the product cool as you can before mixing and after mixing. (Place it in the shade or air conditioning when possible, especially on sunny summer days). The pot life is typically 30 to 45 minutes.*



5. **You are now ready to apply CPP™ to the substrate.** You may use a trowel, spatula or blade type device. In some cases, applicators even find using a glove by hand works well.

6. *<optional>* **While the CPP™ is still curing you may use a wet sponge or glove to smooth the finish.**



Unless the structure is susceptible to high flow - once applied to the surface, the structure may be returned to service almost immediately – CPP will cure even in wet environments. *Note: if the structure will experience heavy flow, force/pressure, or agitation – let CPP cure for a few hours (4 - 6) before returning the structure to service.*

## Clean up

If the product hasn't started hardening, you can use water to clean up.

If it is hardening, you may have to use solvents (mineral spirits or Acetone).

If you get it on your clothes or it cures on your trowel - throw them away.

## Tools & accessories

MSDS Sheets	Acetone ( <i>optional, if preferred to use as cleaner</i> )
Data Sheets	Small tools, pliers, screw driver
Protective clothing	Mixing board ( <i>CPP should be spread on a mixing board to extend pot life</i> )
Gloves	Trowels and spatulas
Goggles	Ladder/tripod (harness)
Power source	Rags
Mixing drill	Mixing sticks
Mixing bits	Hard hats
Plastic buckets	Sponges
Water	

## Frequently Asked Questions (FAQs)

**Q. What will CPP adhere to?**

A. Almost anything, except for plastic or rubber.

**Q. Do you have CPP in a 1-to-1 mix that can be partially used for small jobs a little at a time, and then used again later?**

A. Yes- CPP Gel.

**Q. Is CPP moisture tolerant?**

A. Yes, it can cure in wet environments.

**Q. Can I get CPP off the substrate once it has cured?**

A. Not without damaging the concrete.

**Q. Is CPP a cementitious material?**

A. No, CPP is a trowel-grade epoxy.

**Q. Is CPP structural?**

A. Yes- very much with 16,000 psi compressive strength with flexural strength.

**Q. Is CPP chemically resistant?**

A. Yes, resists most harsh chemical and gases except for hydrocarbons in concentrate— consult Epoxytec for hydrocarbon resistant products.

**Q. Can you use CPP as a coating?**

A. Yes- Repair patching or coating, all-in one-shot.

**Q. How thick can I put CPP on in one coat?**

A. Feather-edge to 500 mils thick (½ inch) per coat. You can apply multiple coats as well.

**Q. Can CPP tie back into itself?**

A. Yes- very well, indefinitely. Extremely easy and manageable system to service.

**Q. What kind of blasting and prep does CPP require?**

A. CPP generally requires only water blasting/jetting because of its excellent forgiving and adhesive qualities, yet Epoxytec still maintains that SSPC-SP13/NACE No. 6 standards be met.

**Q. Is CPP proven?**

A. Yes - since 1990 with great success in most concrete structures in a variety of industrial applications.

**Q. Can CPP hold back roots?**

A. Yes, material is non-porous and can resist extreme back pressure.

**Q. Can CPP seal against infiltration and exfiltration?**

A. Yes, sealed and protective system (liner)

**Q. Can CPP be used while the substrate is in service?**

A. Yes, can be used in wet conditions as long as water is not running aggressively or actively leaking with pressure.

**Q. Is CPP environmentally friendly?**

A. Yes- CPP is 100% solid, has no VOC's or solvents and has hardly any odor.

**Q. Do you have other products for other applications?**

A. Yes- more than 30 – [www.epoxytec.com](http://www.epoxytec.com)

**CPP is designed to be an all-in-one-shot repair, rebuilding, patching and/or lining material.  
Enjoy!**

For more information regarding Epoxytec CPP™, please visit:  
<http://epoxytec.com/products/ CPP>

If you have any questions or concerns,  
please contact us at:



**3000 N 29 CT  
Hollywood, FL 33020**

**877.GO.EPOXY**  
fax: 954.961.2395

[epoxytec.com](http://epoxytec.com)  
[info@epoxytec.com](mailto:info@epoxytec.com)

*"High performance products that work where others fail"*