



**EPOXYTEC™**

## Rehabilitation of Concrete Secondary Containment Area

Epoxytec's CPP Sprayable is growing in popularity due to its application efficiency and the product's high-quality performance. The CPP Series can protect in even the harshest environments. It has been designed to line many aggressive, enclosed, immersive, and partially opened environments. The CPP Series performs in areas subject to chemical attacks and seals to prevent oxidation while holding back water migration and hydrostatic pressure. Most products in the CPP Series are trowel-grade. The advantages showcased in this case study were achieved using a version of CPP spray from an advanced spray system: the Epoxytec CPP Sprayable System.

A concrete secondary containment area located in Glens Falls, New needed to be recoated because the existing coating no longer met the standards of the New York State Department of Environmental Conservation (NYS DEC). Corrosion Products & Equipment / Composite Technology & Infrastructure (CPE/CTI) was contracted to complete the application. CPE/CTI represents some of the most trusted names in fluid handling and delivers highly specialized industrial construction services. Upon inspection, CPE/CTI suggested Epoxytec's CPP Sprayable System.

Epoxytec CPP Sprayable is a two-component, moisture-insensitive, highly adhesive, chemical-resistant, 100% solid, high strength epoxy with superior adhesion. Formulated for ultra-high build applications as a stand-alone protective liner, the product can be heated to pump and spray out of specialized equipment (1:1 by volume). CPP Sprayable can bond to concrete, steel, stone, wood, brick, and most construction materials.

The existing coating covering the secondary containment was embedded with a fiber reinforced plastic (FRP) mesh. The surface was prepared using a sandblast with 20/40 mesh garnet. The sharpness and hardness of the garnet was required to tear through the FRP system. After the surface was prepped,

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### Featured Products

CPP Sprayliner (formerly know as CPP Sprayable)



### Project Information

**Location**

Glens Falls, NY

**Completion Date**

November 2016

**Structure**

Concrete Secondary Containment Area

**Applicator**

Corrosion Products & Equipment /  
Composite Technology & Infrastructure  
(CPE/CTI)





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### **Rehabilitation of Concrete Secondary Containment Area (cont.)**

the area was sprayed with Epoxytec CPP Sprayable using an Epoxytec certified plural component machine to 100 mils nominal DFT. The 100 mils delivered a high-build, structural-grade FRP type coating system with enhanced adhesion and performance properties for a long life expectancy.

All parties involved with this project were pleased with the final product. Epoxytec's CPP Sprayable system was executed rapidly, it provided full monolithic coverage of all areas, and it will provide protection to this area for years to come.

