

Cooling Tower Basin Cleaned, Repaired, & Coated

Situation

The UMass Memorial Medical Center had a well-used 3000 series Baltimore Aircoil Cooling Tower on the roof. The basin was extremely dirty with a thick deposit of muck and it was leaking. Rust was rampant on the discharge pipe and visible elsewhere.

An HVAC Armor ESCO client won a site contract which included over-hauling the cooling tower.

Project Scope

The HVAC Armor team removed mud and silt from the tower basin, patched and repaired corroded areas, sealed seams with flexible poly-urethane, prepped surfaces and covered the basin with an HVAC Armor coating.

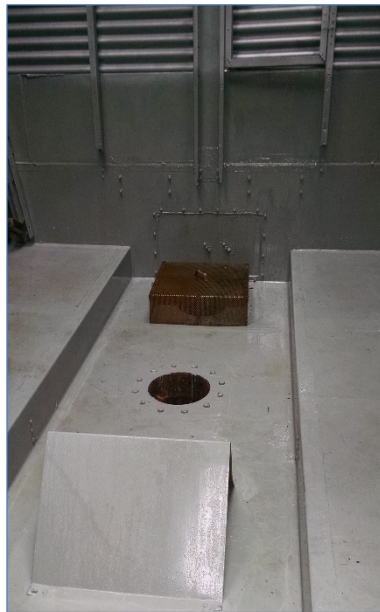
We also cleaned and repaired the cooling tower (fill, tower sills, nozzles, cracked PVC jacketed insulation, and the hot water deck). The walls, louvers, and structural steel were cleaned and sandblasted.

The tower was ready to be put back in service.

Before



After



UMass Memorial Medical Center

Industry:
Hospital



Location:
Worcester, MA

Project Goals:
Clean, repair, and coat

Project Cost:
\$29,856

“The cooling tower has never been cleaner and the coating looks great.”

Kevin C. Stromgren
Project Manager
Siemens Industry



HVAC Armor offers state-of-the-art corrosion protection coatings and solutions that save energy, enhance performance, and rejuvenate HVAC equipment. HVAC Armor is part of ECM Holding Group, a collection of conservation technology firms serving North America's leading ESCOs and corporate clients. For more information, please visit www.hvacarmor.com, or call 920.267.6120.