

Pipe Systems at Tri-City Medical Park Restored with Brinks CuraFlo Epoxy

“Certainly it’s a challenge, but it’s the kind of work our Curapoxy technology is ideally suited for,” says Bill Brink, owner of Brinks Services and CuraFlo of San Diego.

Problem:

Six buildings, 18 medical suites, with up to 16 water and sewer connections per suite, and the copper pipes, from 1/2-inch up to 2-inches in diameter, were old and leaking. Plus, tenant operations could not be shut down and work must be done from 4 pm to midnight. Both hot and cold copper water pipes were sprouting pin-hole leaks due to the effects of water corrosion, deterioration from contact with soil, and electrolysis.

Solution:

The CuraFlo process stopped the leaks without the fuss and muss of demolition. Hoses were connected to every angle stop and valve location, and run outside to a compressor and corundum cleaning equipment.

As the CuraFlo work crew tackled each suite or section of the Tri-City piping system, they drained and then dried the isolated portion by sending heated, dry, oil and moisture free compressed air through



the pipe. Then the pipes were cleaned to a “white metal finish” condition by shooting silica corundum down the line that blasts away corrosion and encrustation.

Finally, the inside of the pipes were coated with Curapoxy epoxy coating material at an average thickness of 16 mils. The Curapoxy system equipment is capable of shooting the epoxy to a distance of 100 feet. Thickness can be adjusted from 7 to 1000 mils.

“Curapoxy is what you want to restore pipes in a medical facility,” said Brink. “This Curapoxy product is thicker and more reliable than our competitors’ products, and it has the required commercial rating of 180 degrees. That’s what a medical facility needs for health and sanitation and it’s a higher temperature than our competitors can handle.”



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