

Central Warehouse, Rikers Island, NYC DOC

The Challenge: The head of facilities at Rikers Island was having serious problems with roof leaks. Water was coming into the warehouse structures in the Central Warehouse Operation Division where all of the plumbing and hardware parts were stored. They had reviewed several different options and wanted a system that could be installed with little to no disturbance to the employees in the warehouse. They were concerned with using other traditional roofing as there had been failures within months of previous installations.



The Solution: The FiberTech liquid applied roof system was chosen. The roof had various systems that had to be removed as the foam roof system that was covering other prior installations was also failing. Scuppers had to be installed, roof drains had to be cleaned out, and asphaltic coatings and foam roofing had to be removed. Once the systems covering the concrete decking were removed, the fiber Tech system was installed. Cracks in the deck were terminated and filled with ECI-151 Acrylic Urethane caulk.



The areas were then scrim coated with our Poly Mesh Scrim Fabric and FiberTech F-50 Penetrating Stabilizer Primer. The primer was allowed to dry and was then coated with two coats of our FiberTech F-51 Roof Sealer Coat. The overall success of the project has led to additional roof applications at the prison.

