

Philadelphia Quartz Plant, Baltimore, MD

The Challenge: The Baltimore Philadelphia Quartz Plant was in need of repairs to the roof and the exterior transite (asbestos) and lead based paint covered walls. The interior support steel was covered with flaking lead based paint. The exterior walls had holes that required patching and the exterior was covered with green mold.



The Solution: The FiberTech encasement system was chosen. The first step was to power wash the building with ECI's mold cleaner to remove all of the mold, followed by a thorough cleaning of the exterior with ECI's biodegradable cleaner.



The next step was to repair all of the exterior holes with ECI's F-50 Penetrating Stabilizer Primer and ECI's Poly Mesh Fabric. Small seams were repaired with ECI-151 Acrylic Urethane Sealant.



The F-50 Penetrating Stabilizer Primer was applied to all exterior surfaces, including all of the repaired areas.



The F-50 Penetrating Stabilizer Primer was allowed to dry for 24 hours before two coats of the F-51 Sealer Coat were applied.

The interior steel was hand cleaned and scraped to remove all loose and flaking paint.



The steel and all of the interior walls were then primed with the F-50 Penetrating Stabilizer Primer followed by two coats of the F-51 Sealer Coat.



The finished system provided a lead and asbestos safe environment for all of the workers at the Philadelphia Quartz Baltimore facility.