

# Potable Water Liner

## Project: Elizabethtown Water Company Tank, New Jersey



### Groundwater contamination posed a threat to the Elizabethtown Water Company's new potable water tank.

To prevent contaminants from leaching into the new tank, the exterior was coated with CIM 1061. The chemical resistant waterproof liner meets stringent ANSI/NSF 61 regulations for potable water systems, making it the ideal product for the application. The crucial attribute for being selected for this project is that CIM experiences nearly zero water vapor transmission.

To form a barrier between soil and tank's base, CIM Scrim, a stitch bonded polyester



fabric, was laid directly on the soil.

CIM 1061 was then sprayed into the fabric using an air-assisted airless pump system to attain a 60 wet mil coating. Because CIM 1061 provides one of the toughest coatings

available, the tank was built directly on the cured CIM liner. Next, the CIM liner was sprayed onto the walls to create one seamless, monolithic liner.

With its toughness and ability to form an impermeable barrier, CIM 1061 provided Elizabethtown Water Company with the ultimate barrier, one that would protect the community drinking water from chemical contaminants.



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