



CASE STUDY

Geosynthetic Tank Floor

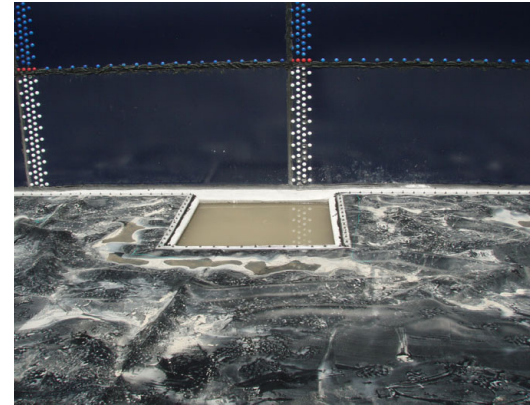


▼ **LOCATION:** Undisclosed

▼ **PROJECT TYPE:** Supply and installation

▼ **PRODUCT USED:**

60 mil Poly Leak Location Liner, Wick Vapour Drain Gas Venting System, 8 oz Non Woven Geotextile, 60 or 80 mil HDPE Geomembrance



▼ **PROBLEM:**

Provide a floor solution for a liquid manure storage tank

▼ **THE TITAN SOLUTION:**

This project features a geosynthetic floor solution for a liquid manure storage tank. This procedure is not limited to manure tanks, but should be thought of as an alternate cost effective solution to concrete floors in storage tanks. This geosynthetic tank floor consisted of four layers of materials as follows:

Layer 1: fused 60 mil poly Leak Location Liner

Layer 2: wick vapour drain gas venting system

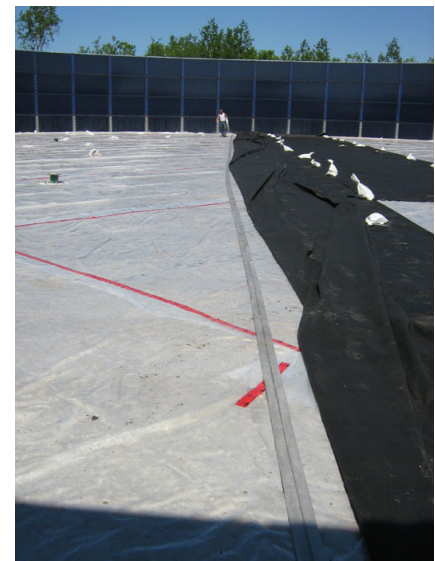
Layer 3: 8 oz non woven geotextile

Layer 4: 60 or 80 mil HDPE geomembrance

Each layer is attached to the tank and made waterproof by a stainless steel termination strip, attached to the tank's concrete ring beam.

▼ **ACHIEVEMENT:**

We proposed a solution that was cheaper than pouring a concrete floor which reduced overall construction costs, while also providing turn-key material supply and installation service for added client convenience.



Contact us for more information:

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