



EverShield Supports Educational Facility Redevelopment Project

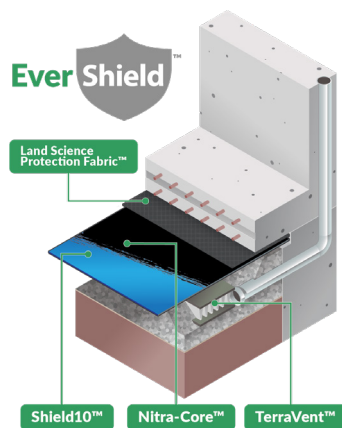
Multi-Layer Vapor Barrier System Protects New School Development from Potential Chlorinated Solvent Vapor Intrusion

Highlights

- New educational facility constructed as part of a major urban redevelopment project
- Potential chlorinated solvent vapor intrusion concerns associated with historical commercial and industrial land use
- Approximately 50,000 square feet of EverShield installed

Site Details

- Site type: Educational facility, with potential chlorinated solvent vapor intrusion



Project Summary

A new educational facility in Texas was constructed as part of a major urban redevelopment project on property with a history of commercial and industrial use. Chlorinated solvent impacts in the subsurface created a vapor intrusion concern, requiring a long-term mitigation strategy to protect future students, staff, and visitors. The project required a durable vapor barrier capable of addressing complex foundation conditions while supporting a fast-paced construction schedule. In addition to the building slab, the design included vertical foundation walls and multiple elevator pits, requiring continuous vapor protection across a variety of structural elements

Application

EverShield, a multi-layer vapor barrier, was installed beneath 50,000 square feet of slab, with 1,100 square feet of vertical wall application and detailing around two elevator pits to ensure continuous protection.

Installed by a Land Science Certified Installer, the system met project specifications and quality assurance requirements, including smoke testing, while maintaining the construction schedule and continuous protection across critical interfaces and penetrations.

Results

The completed EverShield system provides long-term protection against chlorinated solvent vapor intrusion while enabling redevelopment of a historically impacted urban property. By integrating horizontal and vertical barrier applications, the project delivers durable occupant protection and supports long-term facility operations.

The project demonstrates how vapor intrusion mitigation can enable educational facility development on brownfields properties while addressing environmental risks.