

A Growing Manufacturing Company Brings New Jobs to Lansing Area following Retro-Coat Treatment

Future Workers are Protected from Chlorinated Solvents Migrating into Building Following Successful Abatement of Vapor Intrusion Concerns

Highlights



Retro-Coat Allows Repurposed Industrial Building to Create Jobs in Michigan Community

140,000
Square Feet

140,000 Square Feet Manufacturing Facility Successfully Treated

Site Details

Site Type

Commercial Manufacturing

Contaminants of Concern

Chlorinated Solvents

Mitigation Approach

Retro-Coat®

Project Summary

A growing manufacturer looking to expand its operations purchased a vacant industrial facility in Lansing, Michigan, where chlorinated solvents were used and spilled into the subsurface. The environmental consultant was asked to address the suspected vapor intrusion concerns resulting from the former industrial operations. In working with the Michigan Department of Environment, Great Lakes & Energy (EGLE), the consultant proposed utilizing the Retro-Coat® Vapor Intrusion Coating System, in combination with passive venting, to ensure safe indoor air for the future workers. EGLE approved the vapor mitigation approach to address the potential indoor air concerns. The Retro-Coat installation was sequentially phased in accordance to the construction schedule, where the Certified Applicator worked closely with the general contractor and the consultant to meet project expectations and deadlines. Since the Retro-Coat system will act as the wearing surface at this facility, the Retro-Coat Top WB topcoat was also applied to maintain the desired aesthetic of the building owner. Following the Retro-Coat and passive venting system's successful application, the potential exposure pathway has been mitigated, and the site is eligible for restricted site closure designation by EGLE.

Application

Retro-Coat installation on this site was completed by Industrial Services, Inc., (ISI) a Land Science Certified Applicator.



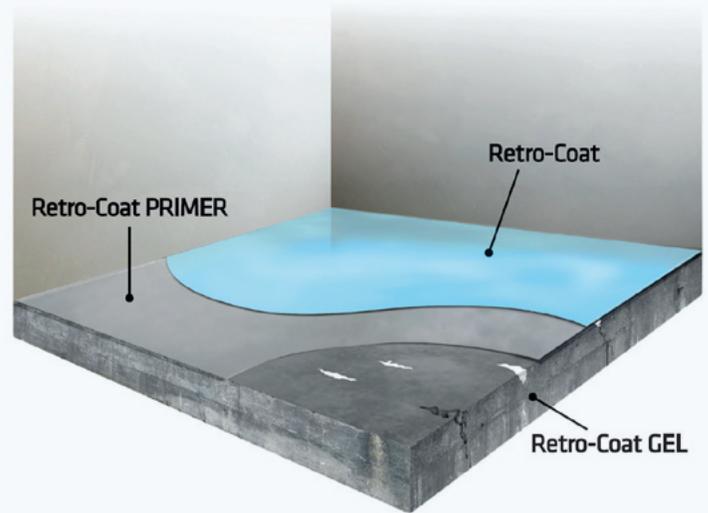
Technology

The Retro-Coat Vapor Intrusion Coating System is a complete product line that consists of chemically resistant materials to properly protect existing structures from the threat of contaminant vapor intrusion. A vapor intrusion condition is most commonly found when the existing structure was operating as, or in close proximity to, a dry cleaner, gas station, or manufacturing facility.

Vapor intrusion can cause significant uncertainty for building owners. Retro-Coat provides a simple and proven solution to a complex problem. Applying Retro-Coat can provide a building owner with long-term assurance that the vapor intrusion risk has been successfully mitigated, while at the same time, reducing the overall mitigation cost and avoiding the need to alter the building's foundation.

Retro-Coat[®]

Vapor Intrusion Coating



Available in a Variety of Finishes



Retro-Coat comes in a standard gray color and finishes to a high-gloss, easy to clean surface. Additional colors and finishes are available. Speak with a Land Science representative today to learn more.

Results

Following the installation of the Retro-Coat Vapor Intrusion Coating System, the manufacturing building meets safety and environmental regulatory requirements ensuring a safe environment for future workers. Based on the successful vapor intrusion mitigation effort, a regulatory status of restricted site closure is pending from EGLE.

Are You Planning a Vapor Intrusion Mitigation Project? Contact us today for a free estimate.

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