



Nitra-Seal Installed at Large Chicago E-Commerce Distribution Center

Seamless Coordination Kept The 4.4-Acre Installation Ahead Of Schedule For The Fast-Moving Project

Site Details

Location

Chicago, IL

Square Feet

190,000

Contaminants of Concern

Chlorinated Solvents

Building Use

Commercial Distribution Center

Project Summary

With little to no green sites to develop in the Chicagoland area, many new building projects occur in former industrial areas that have been environmentally impacted. Such was the case for a new 190,000 square-foot e-commerce distribution center constructed with a Nitra-Seal® Nitrile-Advanced Contaminant Vapor Barrier and TerraVent™ Low Profile Venting System to address the potential for vapor intrusion (VI). The advanced vapor barrier system met the Illinois Environmental Protection Agency's (IEPA's) Tiered Approach to Corrective Action Objectives (i.e., TACO) for remediating the VI exposure pathway. MTN, a Land Science Certified Applicator, provided experienced, skilled personnel to complete the installation while maintaining stringent environmental and safety protocols. By seamlessly coordinating with the General Contractor, MTN managed the installation to stay ahead of the concrete pouring schedule timelines. The Land Science Certified Inspector completed robust quality assurance/quality control testing to verify the vapor barrier system's integrity without compromising the project schedule.

Results

Following the installation of Nitra-Seal and TerraVent, the new e-commerce distribution center met the IEPA's TACO guidelines for mitigating the VI exposure pathway and the tenant's requirements for a healthy built environment. The cost-effective remedy was completed on time and within budget, while keeping pace with the aggressive construction schedule.