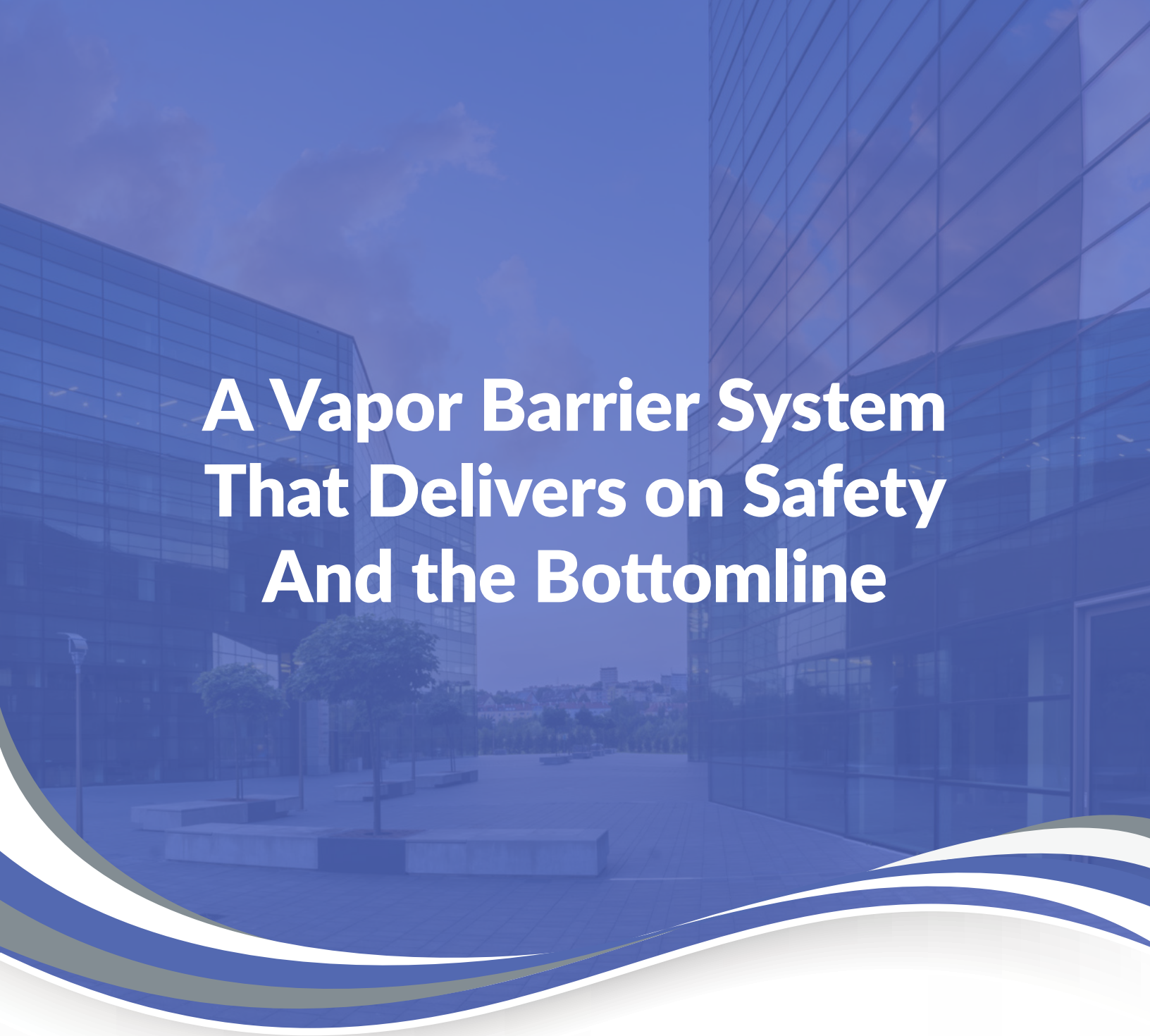

A Vapor Barrier System That Delivers on Safety And the Bottomline

MonoShield®

Reinforced Aluminum
Contaminant Vapor Barrier

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Contaminant Vapor Barrier

Introducing MonoShield

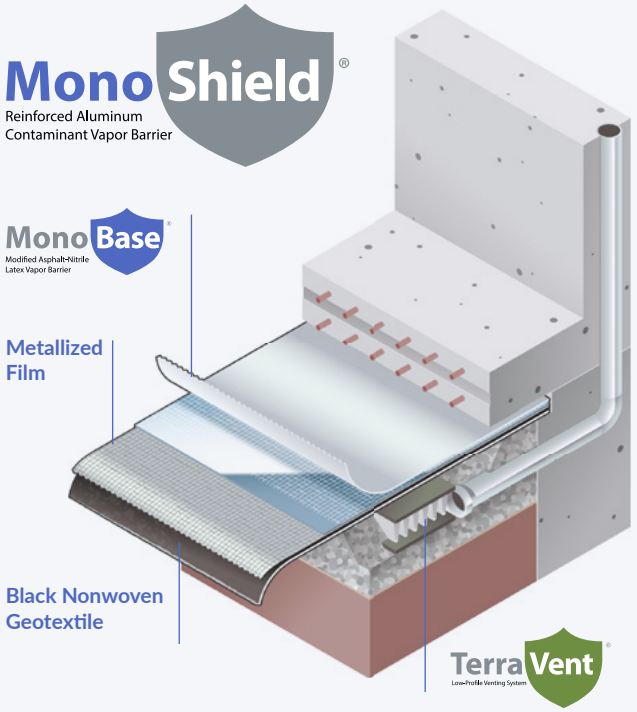
MonoShield is a chemically resistant and easy-to-apply barrier specifically designed as a preemptive solution for vapor intrusion at brownfield redevelopment sites. It is backed by unparalleled design support, robust warranty options, and a network of certified applicators who can ensure quality installation.

The Fastest Vapor Barrier to Install is Also One of the Safest

A Cost-Effective Vapor Barrier with Superior Constructability

Prior to MonoShield, solutions for vapor intrusion mitigation at large warehouses or retail developments, where regulatory requirements are not a driving factor, were easily-punctured thin-mil plastic sheets or inflexible and difficult-to-seal asphalt latex membrane (ALM) barriers. These solutions offered either chemical resistance or constructability, but not both.

Composed of an innovative metallized film seamed with a nitrile-advanced asphalt latex, MonoShield sets the standard for preventing diffusion and permeation of chemical vapors. The spray-applied seal is far more effective and easier to apply than tape-based or heat-welded systems, MonoShield offers the best of both worlds, providing developers with a viable long-term solution for reducing liability and protecting human health at a competitive price.



Quick and simple installation

Excellent constructability

Chemically resistant

Competitively priced

MonoShield Saves Time & Money

As with any construction project, but especially with regards to a voluntary preemptive action, cost is often a critical factor; MonoShield was designed with this in mind. One of the most significant advantages is reduced installation time.

30-40% Faster Installation

Compared to alternative plastic sheeting or HDPE system installation times.

MonoShield can be installed 30-40% faster than alternate plastic sheeting or ALM systems. This saves money by reducing contractor costs and shortening the development timeline. MonoShield offers superior durability and chemical resistance. Seams are spray-applied by certified applicators and quality tested to ensure the highest level of performance. MonoShield can improve indoor air quality, protect building occupants from exposure, and significantly reduce future liability, leading to immeasurable long-term cost savings.

Nitrile-Advanced Asphalt Latex Seams vs. Taped Seams

Example of Nitrile-Advanced Asphalt Latex Seams

MonoShield applications utilize a spray-applied nitrile-advanced asphalt latex to seal seams and penetrations, eliminating bottlenecks in performance and installation time.

Example of Taped Seams

Traditional vapor barrier installations require taped seams which contributes to long construction times and uncertainty in performance.

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Nítra-Core®
Nitrile-Modified Asphalt

Nitra-Core is a nitrile-advanced asphalt latex that is spray applied to a thickness of 40 mils. It is applied to the MonoBase layer and provides a seal around seams, penetrations, and perimeter terminations.

MonoBase®

MonoBase is a patent-pending 30-mil composite membrane comprised of flexible chemically resistant metallized film laminated to a geotextile, a copolymer polyethylene and a tear resistant polyester reinforced grid structure. It is designed to act as a stand-alone vapor barrier in combination with Nitra-Core sealing around seams, penetrations and terminations.

TerraVent®
Low-Profile Venting System

TerraVent is a low-profile trenchless, flexible, sub-slab vapor collection system used in lieu of perforated piping. It consists of a heavy duty 3D, high flow, polypropylene dimpled core which is then wrapped and bonded with a non-woven geotextile to prevent penetration; and made from 100% post-industrial/pre-consumer polypropylene regrind material.

Are You Planning a Vapor Intrusion Mitigation Project?

Contact us today for a free estimate.

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