MonoShield®
Reinforced Aluminum Contaminant Vapor Barrier

Why Smart Developers Are Choosing MonoShield

Quality Assurance and Quality Control Measures (QA/QC):

The need for proper QA/QC is vital for ensuring long-lasting performance in a vapor barrier system. It is important to perform smoke testing following installation to verify the vapor barrier has been installed to specifications. Smoke testing is the most common and effective way to determine if the vapor barrier was installed properly. By having the seams and utility penetrations sealed with a spray-applied Nitrile core material, the smoke test can be completed more effectively and much faster.

Durability of System:

MonoShield incorporates a polyester reinforcement and nonwoven geotextile fabric to increase the durability of the system and allows construction to proceed unimpeded. In the case of warehouse construction, this is a big advantage, since the system has been designed to withstand ongoing construction traffic.

Proven Chemically Resistant for Wide Range of Contaminants:

MonoShield has been demonstrated to be highly effective against a wide range of contaminants and diffusion testing can be provided to demonstrate effectiveness for site-specific contaminants.

Are you planning a vapor intrusion mitigation project?

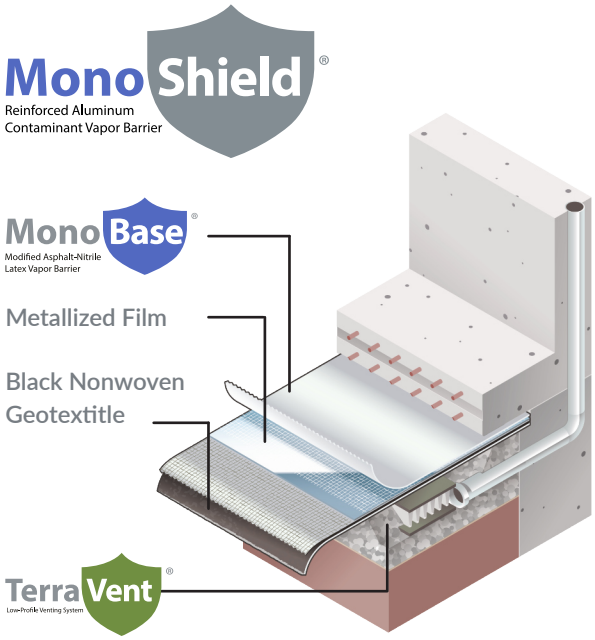
Contact us today for a free estimate.

Corporate Headquarters:
1011 Calle Sombra, San Clemente, CA 92673
(949) 481-8118

Land Science®
a division of REGENESIS®

About the Technology Behind MonoShield

MonoShield is a unique system composed of an innovative metallized film that sets the standard for preventing diffusion and permeation of chemical vapors and a nitrile-based asphalt latex that ensures a seal 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 cost.



Tape Seams vs. Spray-Applied Seams

Traditional vapor barrier installations require taped seams which contributes to long construction times and sub-optimal performance.

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

www.landsciencetech.com

Land Science®
a division of REGENESIS®