



Atlas EnergyShield® XR continuous polyiso insulation is engineered for high-performance below-grade applications.

Designing for high-performance doesn't just start at the ground level, it goes below the surface. EnergyShield XR continuous polyiso insulation provides an effective way to improve thermal performance when installed on below-grade walls and under slab.

Effectively insulating the building foundation can help improve energy efficiency and interior comfort for occupants. It helps reduce energy loss and moisture problems through foundation walls.

EnergyShield XR creates a versatile, effective barrier for thermal and moisture control. Whether building a single family home or a high-rise, Atlas EnergyShield XR below-grade insulation will meet energy codes and ensure the best building performance.

FEATURES AND BENEFITS



DELIVER MORE WITH LESS

Polyiso has the highest R-value per inch when compared to other insulation products. This allows polyiso to meet or exceed R-value requirements with a thinner profile, resulting in less truckloads per project.



MOISTURE RESISTANCE

Comprised of a closed-cell structure and impermeable, non-absorbing facers, EnergyShield XR resists moisture absorption, providing an effective material to insulate in all climates.



EXCEPTIONAL UNDER PRESSURE

With standard compression strength at 25 psi, EnergyShield XR resists hydrostatic pressures while maintaining thermal performance. Plus, durable facers offer added impact protection.



RESPONSIBLY MANUFACTURED

Manufactured with environmentally responsible processes, an established core formulation, and recycle content, polyiso provides a sustainable solution. EnergyShield XR meets UL GREENGUARD® Gold, one of the industry's most stringent environmental standards.



MAKES LIGHT WORK OF INSTALLATION

EnergyShield XR is easy to cut and move around the jobsite and prescored at 16" and 24" o.c. to help expedite installation even further.



MATERIAL COMPATIBILITY

Polyiso is compatible with the majority of mastic or solvent-based products, such as adhesives, flashings, and damp-proofing, making component selection simpler. Adding insulation against the foundation wall helps mitigate damage to the waterproofing membrane.