

Polyiso Continuous Insulation
Below-Grade Exterior Wall & Foundation



ALWAYS **RELIABLE.**
INCREDIBLY **EFFICIENT.**

RMAX® BELOW GRADE
Insulation and Protection Board



LET'S COMPARE INSULATION.

Important Insulation Characteristics for Below-Grade Exterior Wall	POLYISO Polyisocyanurate Continuous Insulation	XPS Extruded Polystyrene Insulation	EPS Expanded Polystyrene Insulation
AGED R10 THICKNESS ASTM C518	1.5"	2.0"	2.5"
WATER ABSORPTION ASTM C272 (MAX)	0.3% (with or without facers)	0.3%	2%
COMPRESSIVE STRENGTH ASTM D1621 (MIN)	25 psi	25 psi	25 psi
ADDITIONAL PROTECTION	Reinforced Polymeric Facers	None	Optional (additional costs)

R-10 RMAX POLYISO OFFERS THE BEST VALUE

WORKING HARD UNDER **PRESSURE.**

Compressive strength is the ability of the product to resist crushing or deformation under a given load. A below grade product must be able to resist three types of loads without crushing in order to maintain thermal performance.

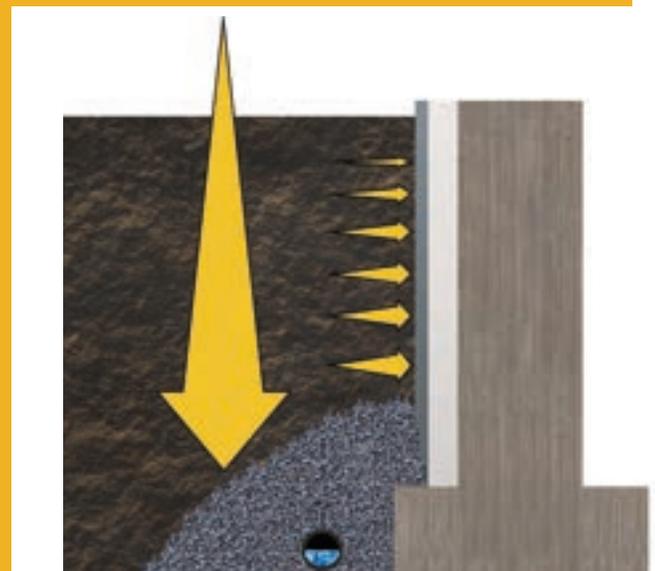
The three load types:

1. Soil weight - pressure that soil exerts on the foundation
2. Hydrostatic (water) pressure - created by standing water pushing against any object blocking it
3. Surcharge loads - transient or permanent loads on the ground adjacent to the building

Rmax® Below Grade insulation can resist pressures from all three load types that may act on the foundation wall.



**BUILT STRONG.
BUILT TO PERFORM.**



Depiction of soil load pressures on the foundation wall.

REDUCE ENVIRONMENTAL IMPACT WITH POLYISO.

RMAX POLYISO

uses a blowing agent that has over **95% LESS GWP** than Next Gen XPS.

HIGHER R-VALUE

allows for less volume of material compared to XPS.

25% LESS

truckloads/trips to job site for same square foot of wall

25% LESS

volume of material needs to be produced for the same square foot of wall

25% LESS

floor space for the same turnover in distribution

FOR MORE Rmax® Below Grade Insulation INFORMATION, VISIT RMAX.COM

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