



# HALO™

## SURROUND SCIENCE

### Introducing today's most advanced rigid insulation envelope.

From below-grade to above-grade, inside and out, Halo is the world's only insulating system designed perfectly for specific applications. The system features a high-performance polystyrene Neopor® core, plus an ingenious laminate surface that is customized to each usage application, for a rigid insulation envelope that even outperforms more expensive XPS insulation.

### An innovation in insulation. Right to the very core.

Halo is powered by Neopor, the new standard in thermal insulation developed by BASF. Thanks to millions of graphite infrared absorbers and heat reflectors that reduce thermal conductivity, Neopor provides the highest R-value in the world of EPS rigid insulation.

### The genius of surround science.

Other insulating solutions offer a cookie-cutter approach. Halo throws away the mold with a breakthrough insulating system featuring 3 customized applications.



HALO™  
INTERRA

#### HALO INTERRA

Interior energy-efficient insulation.

The ideal insulation solution for above-slab floors, radiant floors and the interior surfaces of walls and ceilings.

- A high performance Neopor core laminated on both sides with a reflective polypropylene laminate
- Durable and easy to handle
- Can reflect radiant energy back into the home and act as an interior vapor barrier



HALO™  
EXTERRA

#### HALO EXTERRA

Exterior energy-efficient, mold-resistant insulation.

Specifically designed for exterior above-grade walls.

- A high performance Neopor core laminated on both sides with a clear polypropylene laminate
- Durable and easy to handle
- Optional perforations in the skin allow vapor to escape, helping to prevent the growth of mold and mildew and keep wall cavities healthy



HALO™  
SUBTERRA

#### HALO SUBTERRA

Below-ground water-resistant insulation.

Great for under-slab insulation, and to insulate and protect below-grade foundations.

- A high-performance Neopor core laminated on both sides with an incredibly durable woven polypropylene laminate
- Jobsite tough – able to withstand foot and equipment traffic
- Water resistant and engineered to meet below-grade soil pressure requirements

## Zero thermal drift & zero compromise. For performance that scores a 10/10.

1. With its graphite-enhanced Neopor core, Halo offers a 15% higher R-value than regular EPS insulation.
2. Unlike XPS and ISO insulation, with R-values that deteriorate over time, Halo features a unique “closed cell” structure that delivers a **permanent** R-value and comes with a Zero Thermal Drift Guarantee.
3. Compared to the competition, Halo delivers outstanding and guaranteed R-value over time – and Halo is often **significantly less expensive than comparable XPS insulation products.**
4. When the temperature drops outside, Halo powers up to deliver even greater R-values at lower temperatures.
5. Halo can also minimize energy loss due to thermal bridging.
6. With its built-in air and vapor barriers, Halo eliminates a number of construction steps to save time and money.
7. Light yet durable – perfect for today’s demanding job site.
8. The Neopor core is Greenguard™ Certified for superior indoor air quality.
9. Neopor is 100% recyclable and ozone layer friendly (does not contain any CFCs or HCFCs).
10. Only Halo features an advanced rigid insulation envelope with elements that are specifically engineered and laminated for their unique below-grade/above-grade and inside/out application.

## More choice means maximum performance.

Halo Element	Board Size	Standard Thicknesses <sup>1</sup>	Zero Thermal Drift Guaranteed R-value <sup>2</sup>	Compression Strength <sup>3</sup> psi(KPa)
SUBTERRA	4' x 8' 1230mm x 2460mm	1.0", 1.5", 2.0" 26mm, 38mm, 52mm	@75F (23.9C) 4.5, 6.8, 9.0 @40F (4.4C) 4.8, 7.2, 9.6	16 (110), 30 (210)
EXTERRA	4' x 8' 1230mm x 2460mm	.625", 1.0", 1.5", 2.0" 13mm, 26mm, 38mm, 52mm	@75F (23.9C) 2.8, 4.5, 6.8, 9.0 @40F (4.4C) 3.0, 4.8, 7.2, 9.6	10 (70)
INTERRA	4' x 8' 1230mm x 2460mm	.625", 1.0", 1.5", 2.0" 13mm, 26mm, 38mm, 52mm	@75F (23.9C) 2.8, 4.5, 6.8, 9.0 @40F (4.4C) 3.0, 4.8, 7.2, 9.6	10 (70)

<sup>1</sup>Custom thicknesses and compressive strengths are available upon request. Please contact your local Halo dealer or Halo representative.  
<sup>2</sup>Typically, XPS and ISO insulation products are not guaranteed to maintain their published R-values over time. Halo meets or exceeds most XPS guaranteed R-Values (check the guaranteed R-value with your XPS supplier).  
<sup>3</sup>Listed compression values are minimum requirements conforming to ASTM C578, “Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation”, and CAN/ULC S701, “Expanded Polystyrene Insulation Board and Pipe Covering”

### Halo packaging.

Standard Bundle Size - 4' wide x 8' long x 1' deep

Board Thickness	# Boards/Bundle
.625"	20
1.0"	12
1.5"	8
2.0"	6

### Installation Instructions.

Please refer to the Halo Installation Guide, which may be downloaded from BuildWithHalo.com and is also available from your local Halo dealer or your Halo representative.

### Zero Thermal Drift Guarantee.

The use of air as an insulating gas allows Neopor to maintain its outstanding R-value performance over time and



contributes to sustainable building practices. The air, graphite and polymer matrix in Neopor are all stable and no fluorocarbons are used to make, or are contained within, Neopor. Thus, Neopor’s

R-value will not deteriorate. Neopor has zero thermal drift and zero ozone depletion potential.

For more details on Halo’s Zero Thermal Drift Guarantee, please visit [BuildWithHalo.com](http://BuildWithHalo.com)

### Manufactured By:

Beaver Plastics Ltd.  
7-26318 TWP Rd. 531A  
Acheson, AB  
T7X 5A3  
888.453.5961

AMC Foam Technologies Inc.  
35 Headingley Rd.  
Headingley, MB  
R4H 0A9  
877.442.4465

Form Solutions  
840 Division St.  
Cobourg, Ontario  
K9A 5V2  
888.706.7709

For more information:  
Call your regional Halo  
manufacturer or call the  
Halo hotline at 855.350-HALO  
Visit [BuildWithHalo.com](http://BuildWithHalo.com)