



**HALO INTERRA**  
Interior reflective & energy-efficient advanced rigid 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 perforated polypropylene laminate
- Independent testing shows Interra has a permeance of 1.7 ng/Pa-s-m<sup>2</sup> and therefore no additional vapor barrier is required (A vapor barrier must have a vapor permeance less than 60 ng/Pa-s-m<sup>2</sup>).
- When facing a dead air space of 3/4" +, the reflective laminate can add an effective R-value of up to 2.8.\*

\* According to the Ashrae Standard 90.1



**HALO EXTERRA**  
Exterior breathable & mold-resistant advanced insulating sheathing.

Specifically designed for exterior above-grade walls.

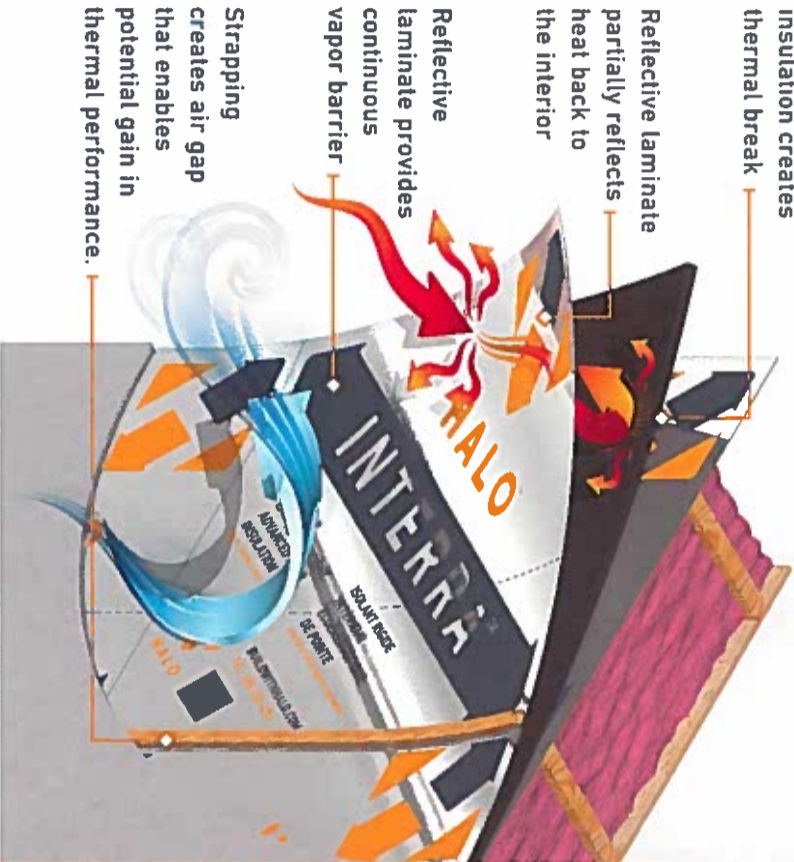
- A high performance Neopor core laminated on both sides with a clear perforated polypropylene
- Independent testing has shown that, with 1/2" o/c perforations, Exterra (in thicknesses up to 1.5/8") has a permeance greater than 60 ng/Pa-s-m<sup>2</sup>
- Thus per building code, Exterra is "permeable" and allows moisture to leave the wall cavity
- When the joints are taped, Exterra can also act as the exterior air and weather barriers.

Continuous Neopor EPS insulation creates thermal break

Reflective laminate partially reflects heat back to the interior

Reflective laminate provides continuous vapor barrier

Strapping creates air gap that enables potential gain in thermal performance.



Continuous Neopor EPS insulation creates thermal break

Perforated laminate allows vapor to escape wall assembly

Water & air kept to the exterior



**HALO SUBTERRA**  
Below-ground durable & water-resistant advanced rigid insulation.

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

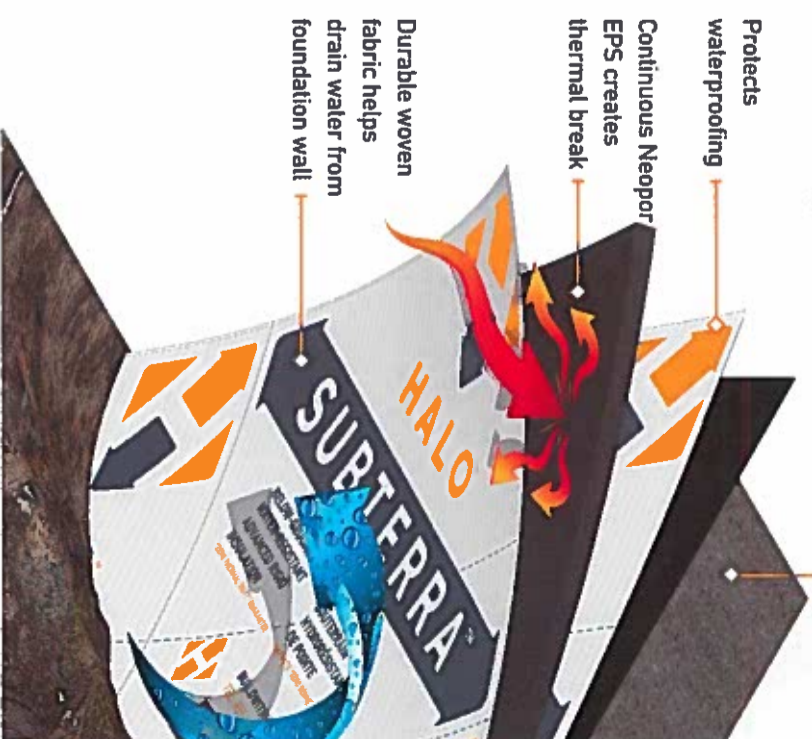
- A high-performance Neopor core laminated on both sides with an incredibly durable woven polypropylene laminate
- Jobsite tough – able to withstand foot and equipment traffic
- Subterra with taped joints has been independently tested to be a water resistive barrier under prolonged UV exposure and weathering conditions, in accordance ICC-ES AC71, Foam Plastic Sheathing Panels used as Water-Resistive Barriers.

Foundation wall

Protects waterproofing

Continuous Neopor EPS creates thermal break

Durable woven fabric helps drain water from foundation wall



**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.

BuildWithHalo.co



**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.

**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)
<b>SUBTERRA</b>	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]
		6.25", 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]
<b>EXTERRA</b>	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]
		.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, and CAN/ULC S701. Halo Products meet or exceed the requirements of 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](http://BuildWithHalo.com) and is also available from your local Halo dealer or your Halo representative.

**Manufactured by:**

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

**Beaver Plastics Ltd.**

35 Headingley Rd.  
 Headingly, MB  
 R4H 0A9  
 888.453.5961

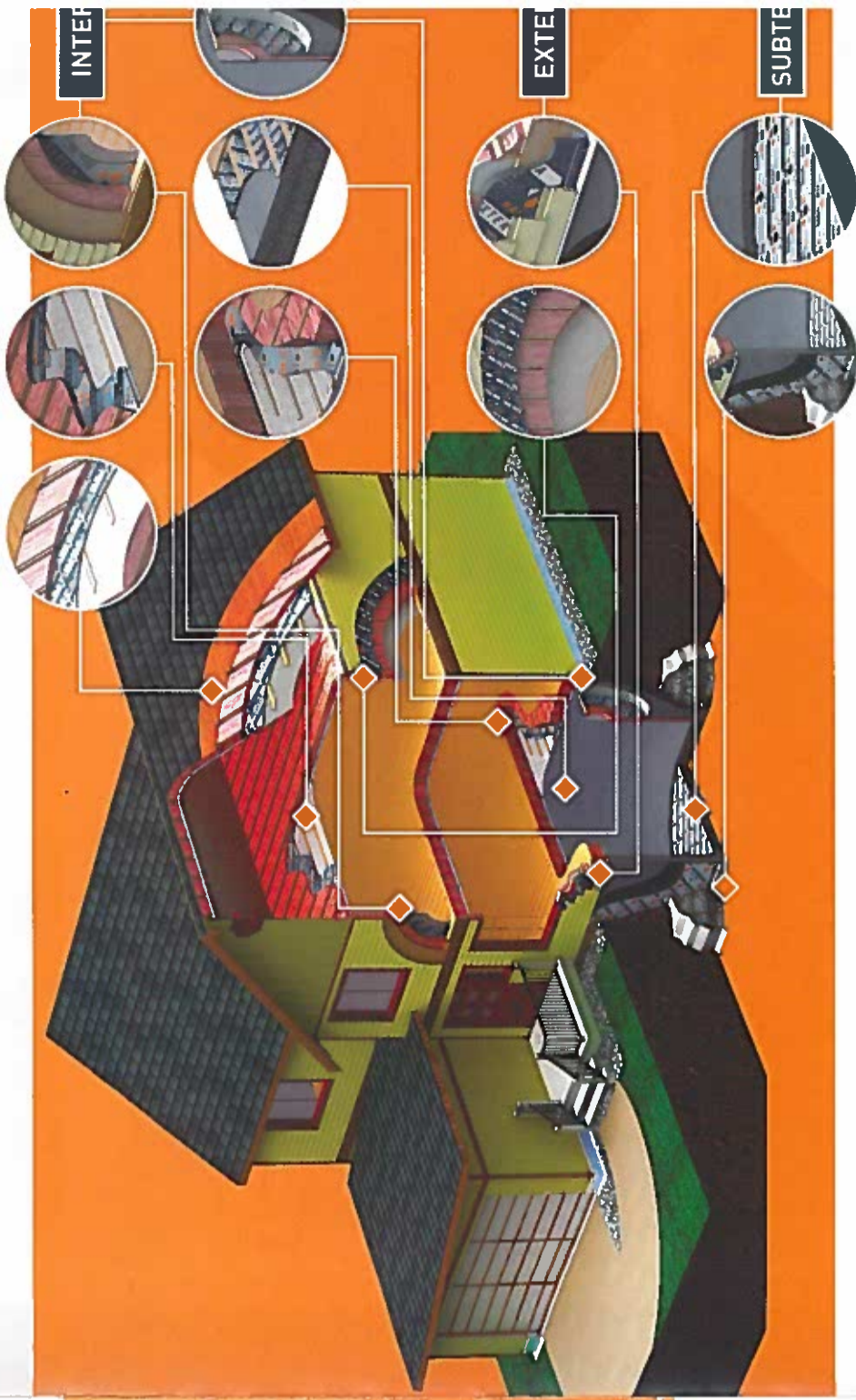
**For more information:**

Call Halo at 877.442.4465  
 or the Halo hotline at 855.350-HALO  
 Visit [BuildWithHalo.com](http://BuildWithHalo.com)

CCMC# 14004-L



**Make the switch to today's most advanced rigid insulation envelope. Halo is the insulating system perfect designed for specific applications.**



**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**  
 Interior reflective & energy-efficient advanced rigid insulation.



**HALO EXTERRA**  
 Exterior breathable & mold-resistant advanced insulating sheathing.



**HALO SUBTERRA**  
 Below-ground durable & water-resistant advanced rigid insulation.

