

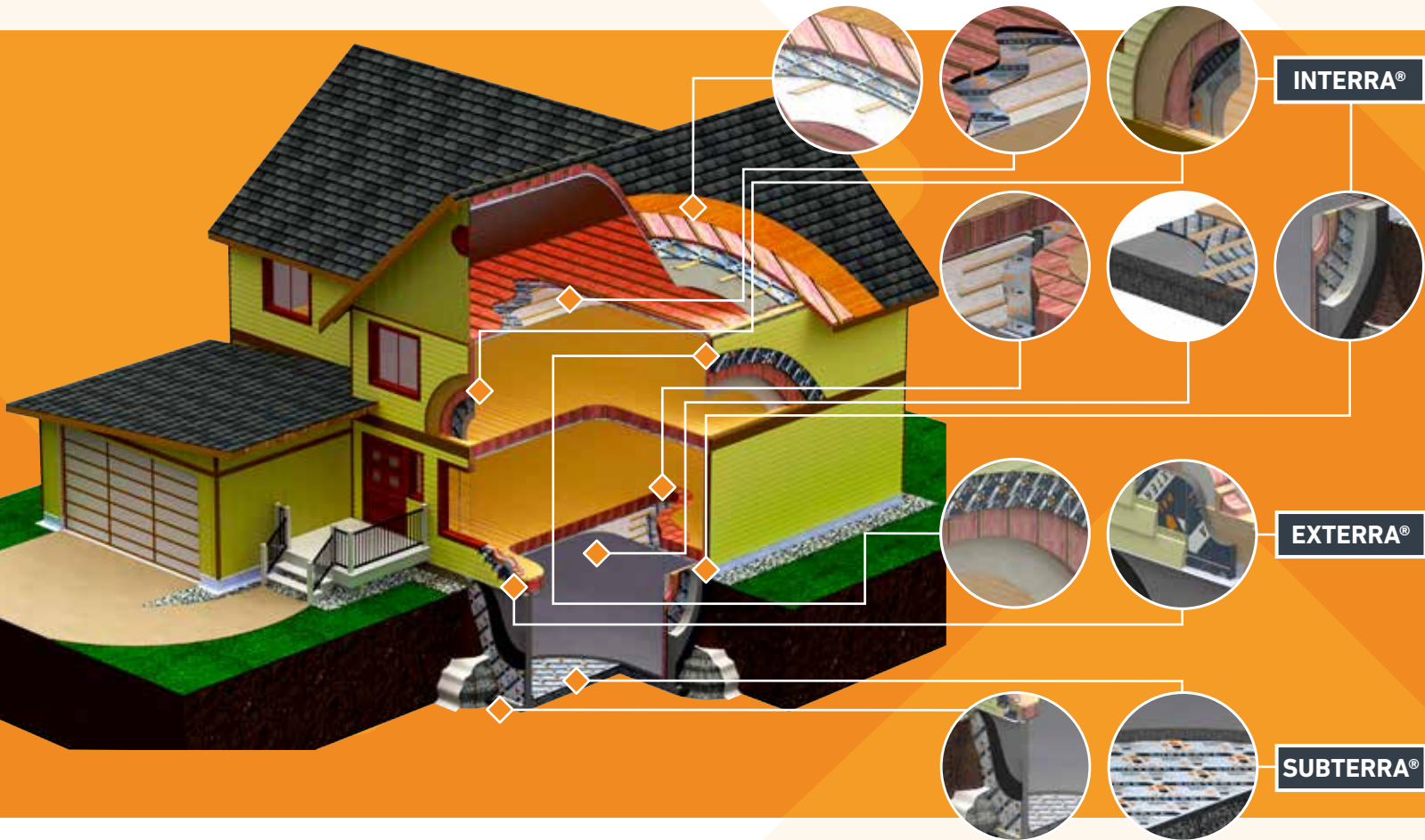


HALO[®]
SURROUND SCIENCE

Make the switch to today's most advanced rigid insulation envelope.

Halo[®] is the insulating system perfectly designed for specific applications.

Now
Powered by
R-5 Technology!



The Genius of Surround Science

Other insulating solutions offer a cookie-cutter approach. Halo[®] throws away the mold with a breakthrough insulating system featuring three customized applications:



HALO INTERRA[®]
Advanced Reflective Interior
Rigid Insulation



HALO EXTERRA[®]
Advanced Breathable Exterior
Insulating



HALO SUBTERRA[®]
Advanced Below-Ground
Rigid Insulation

BuildWithHalo.com

Made of
Neopor[®]
Innovation in Insulation
provided by BASF



HALO EXTERRA® Perfectly Designed for Exterior Applications

- Halo® GPS (graphite polystyrene) delivers a long-term R-5 per nominal inch*
- Breathable — walls stay dry and healthy
- Built-in weather barrier**

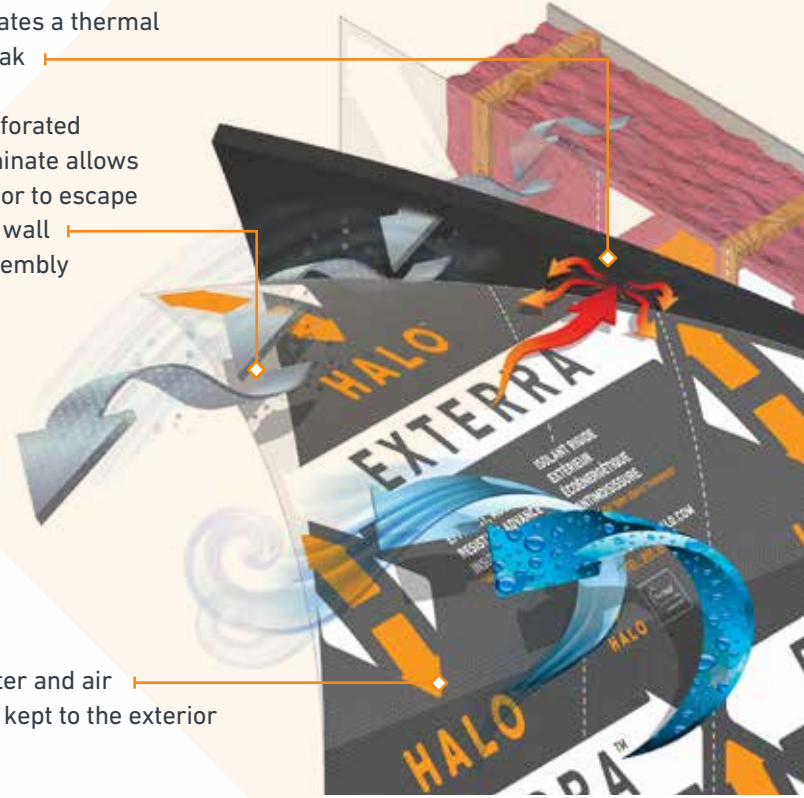
*Thermal performance claim based on thickness of 1 1/16".
**When taped.



Continuous GPS insulation creates a thermal break

Perforated laminate allows vapor to escape the wall assembly

Water and air are kept to the exterior



HALO INTERRA® Perfectly Designed for Interior Applications

- Halo® GPS (graphite polystyrene) delivers a long-term R-5 per nominal inch*
- Built-in vapor barrier**
- Reflective laminate reflects heat back into the home or building***

*Thermal performance claim based on thickness of 1 1/16".
**When taped.
***When an appropriate air space is provided.



Continuous GPS insulation creates a thermal break

Reflective laminate partially reflects heat back to the interior

Reflective laminate provides a continuous vapor barrier

Strapping creates an air gap that enables a potential gain in thermal performance





HALO SUBTERRA®

Perfectly Designed for Below-Ground Applications

- Halo® GPS (graphite polystyrene) delivers a long-term R-5 per nominal inch*
- Jobsite tough — able to withstand severe foot and equipment traffic without breaking
- Built-in water-resistant barrier**

*Thermal performance claim based on thickness of 1 1/16".

**When taped.

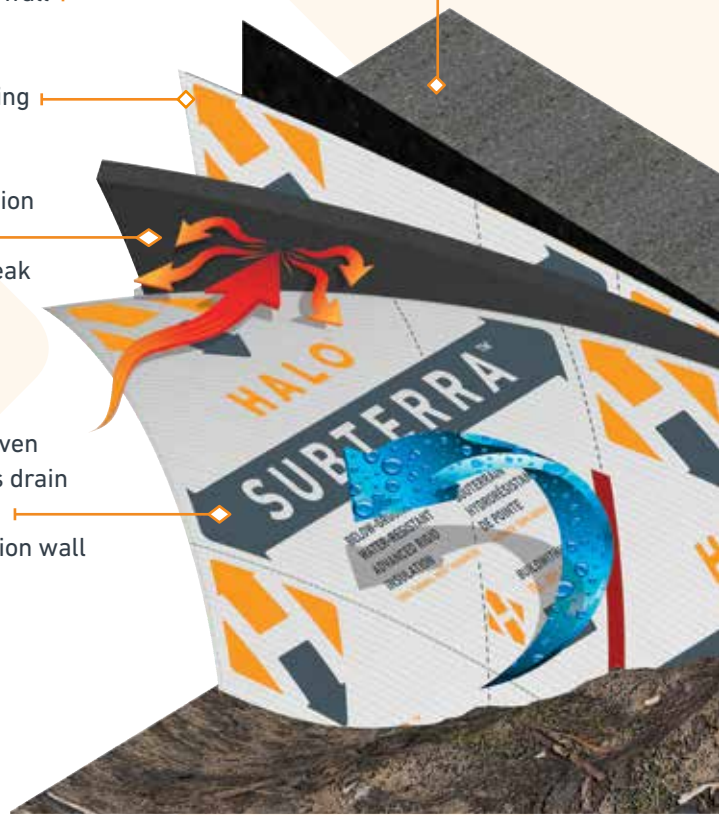


Foundation wall

Protects waterproofing

Continuous GPS insulation creates a thermal break

Durable woven fabric helps drain water from the foundation wall



Zero thermal drift. Zero compromise.

- GPS (graphite polystyrene) provides R-5 per nominal inch*.
- GPS provides a permanent long-term R-value and won't deteriorate over time like XPS and ISO.
- GPS delivers greater R-values at lower outside temperatures.
- Minimizes the energy loss from thermal bridging.
- Light yet durable — perfect for today's demanding jobsites.
- Superior indoor air quality due to Greenguard certified Neopor® GPS core.
- GPS is 100% recyclable and ozone layer-friendly — no CFCs or HCFCs.

*Thermal performance claim based on thickness of 1 1/16".



An innovation in insulation. Right to the very core.

Graphite Polystyrene (GPS) is the new standard in thermal insulation, thanks to millions of graphite infrared absorbers and heat reflectors that reduce thermal conductivity.

More choice means maximum performance.

Halo® Element	Board Size	Standard Thicknesses ¹	Zero Thermal Drift Guaranteed R-value ²	Compression Strength ³ psi (KPa)
SUBTERRA®	4' x 8' 1230mm x 2460mm	1.0", 1.5", 2.0" 26mm, 38mm, 52mm	R-5 per nominal inch (based on thickness of 1 1/16")	16 (110), 30 (210)
EXTERRA®	4' x 8' 1230mm x 2460mm	.625", 1.0", 1.5", 2.0" 13mm, 26mm, 38mm, 52mm	R-5 per nominal inch* (based on thickness of 1 1/16")	10 (70)
INTERRA®	4' x 8' 1230mm x 2460mm	.625", 1.0", 1.5", 2.0" 13mm, 26mm, 38mm, 52mm	R-5 per nominal inch* (based on thickness of 1 1/16")	10 (70)

¹ Custom thicknesses and compressive strengths are available upon request. Please contact your local Halo® dealer or representative.

² 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).

³ 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	No. of 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 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®. As a result, the R-value provided by Neopor® will not deteriorate. Neopor® has zero thermal drift and zero ozone depletion potential. For details, visit BuildWithHalo.com.



Manufactured by:

Form Solutions

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Cobourg, ON
K9A 5V2
888.706.7709

AMC Foam Technologies Inc.

35 Headingley Rd.
Headingley, MB
R4H 0A8
877.789.7622

Beaver Plastics Ltd.

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

Progressive Foam Technologies Inc.

6753 Chestnut Rd. NW
Beach City, OH
44608
800.860.3626

For more information:

Call your local Halo® manufacturer, or call the Halo® hotline at 855.350.HALO, or visit BuildWithHalo.com.

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