

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	Guaranteed R-Value ²	Compressive Resistance ³ psi(KPa)
EXTERRA®	4' x 8' 1230mm x 2460mm	.563", .625", 1.0", 1.5", 2.0" 11mm, 13mm, 26mm, 38mm, 52mm	R-5 per nominal inch (based on thickness of 1-1/16")	10 (70)
SUBTERRA® (with polypropylene laminate)	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)
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)

'Custom thicknesses and compressive strengths are available upon request. Please contact your local Halo® dealer or representative ²Typically, 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). 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 at BuildWithHalo.com or from your local Halo® dealer or representative.

ZERO THERMAL DRIFT GUARANTEE

The use of air as an insulating gas allows Graphite Polystyrene (GPS) to maintain its outstanding R-value performance over time and contributes to sustainable building practices. The air, graphite and polymer matrix in GPS are all stable and no fluorocarbons are used to make, or are contained within GPS. As a result, the R-value provided by GPS will not deteriorate. GPS has zero thermal drift and zero ozone depletion potential.

For details, visit BuildWithHalo.com.

FOR MORE INFORMATION Call 888.453.5961 - Western Division HALO Hotline

38901

37604

800.647.6130

Visit BuildWithHalo.com. • Call your local Halo* manufacturer below.

Beaver Plastics Ltd.	AMC Fo
11581-272 St.	Techno
Acheson, AB	35 Hea
T7X 6E9	Headin
6333 Unsworth Rd. Chilliwack, BC V2R 5M3 888.453.5961	R4H 0A 877.78'

Progressive Foam Technologies Inc. 6753 Chestnut Ridge alev Rd Rd Beach City, OH 44608 800.860.3626

Perma R Products Inc. Form Systems Inc. 330 Cain Drive 2604 Sunset Dr. Haysville, KS Grenada, MS 67060 888.838.5038 106 Perma R Rd. Johnson City, TN



CCMC# 14004-L



Make the Switch to Today's Most **Advanced Graphite Insulation System!**

Halo[®] offers a breakthrough graphite insulation system that is perfectly designed for three customized applications:

EXTERRA[®] **ADVANCED BREATHABLE EXTERIOR INSULATING SHEATHING**

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SUBTERRA® ADVANCED BELOW-GROUND RIGID INSULATION

INTERRA® ADVANCED REFLECTIVE INTERIOR **RIGID INSULATION**





DESIGNED FOR EXTERIOR APPLICATIONS

- Halo[®] GPS (graphite polystyrene) delivers a long-term R-5 per nominal inch*
- Continuous GPS insulation creates a thermal break
- Perforated laminate allows vapor to escape the wall assembly
- It's breathable walls stay dry and healthy
- Built-in water-resistive barrier**
- Water is kept to the exterior

*Thermal performance claim based on a thickness of 1-1/16". **When joints and fasteners are taped (see the Halo[®] Installation Guide).







DESIGNED FOR INTERIOR APPLICATIONS

- Halo[®] GPS (graphite polystyrene) delivers a longterm 5 per nominal inch*
- Continuous GPS insulation creates a thermal break
- Built-in vapor barrier**
- Reflective laminate reflects heat back into the home or building***

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



DESIGNED FOR BELOW-GROUND APPLICATIONS

- Halo[®] GPS (graphite polystyrene) delivers a long-term R-5 per nominal inch*
- Subterra[®] Plus features an extra-tough cross-woven laminate.
- Per the NRC's Radon Diffusion test, Subterra Plus is a radon barrier with 7 times higher radon resistance than 6 mil polyethylene membranes.
- Continuous GPS insulation creates a thermal break
- Protects waterproofing
- Exterior laminate helps drain water away from the foundation wall
- It's job site tough withstands severe foot and equipment traffic without breaking
- Built-in water-resistive barrier**

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





ZERO THERMAL DRIFT. ZERO COMPROMISE.

- Graphite Polystyrene (GPS) provides R-5 per nominal inch*.
- 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 Halo®'s clean steam-fused GPS core.
- GPS is 100% recyclable and ozone layer-friendly no CFCs or HCFCs.
- *Thermal performance claim based on a thickness of 1-1/16".



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- GPS provides a permanent long-term R-value and won't deteriorate over time like XPS and ISO.

