

HALO®

GRAPHITE POLYSTYRENE INSULATION

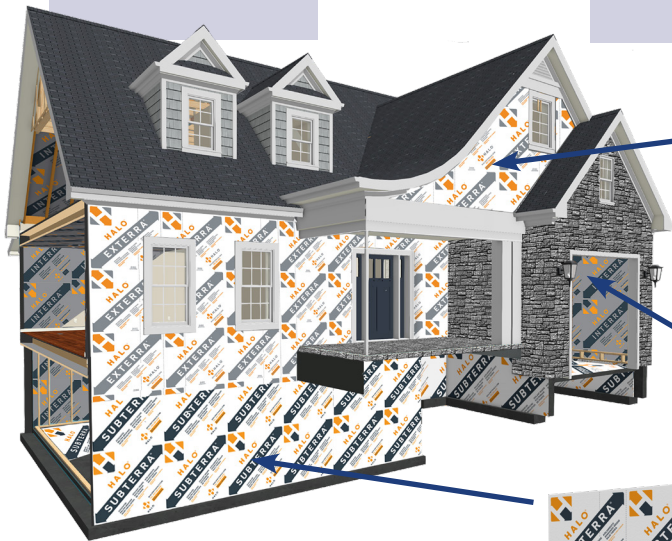
Introducing HALO - The Advanced Graphite Insulation System

From below-grade to above-grade, inside and out, HALO is the Advanced Graphite Insulation System that features a series of rigid insulation products, each one perfectly designed for a specific application.

1 Permanent,
R5 per 1¹/₁₆ Inch

2 Improved
Thermal
Performance

3 Lightweight &
Durable



Exterra®

Exterior Application:

- Perforated to allow moisture to escape the wall assembly
- Weather-resistant-barrier (WRB)
- No thermal drift. Product will not lose R-Value over time

Exterra, when taped, qualifies as a WRB.



Interra®

Interior Application:

- Air and moisture barrier
- Reflective side faces interior of wall assembly
- Interior applications including attic, basement, and ceilings



Subterra®

Below-ground Application:

- Can be used under slab, or below grade
- Air and moisture barrier
- Available up to 3"
- 25PSI

Subterra, when taped, qualifies as a vapor barrier.



CHROME GPS®

Below-ground Application:

- Non-faced GPS
- Available in 15 and 25 PSI

CHROME GPS
PROFESSIONAL GRADE GRAPHITE INSULATION



HALO® Highlights

The HALO system offers a high performance, low carbon graphite polystyrene (GPS) core with a series of ingenious laminate surfaces, each one customized for its particular use.

- Graphite Polystyrene (GPS) provides R-5 per nominal inch*
- Air and moisture barrier
- GPS provides a permanent long-term R-value and won't deteriorate over time like XPS and ISO
- Minimizes the energy loss from thermal bridging
- Light, durable, easy to cut and install
- GPS is 100% recyclable which contributes to environmental sustainability

**Thermal performance claim based on a thickness of 1¹/₁₆"*

Scan for more
Information



PERMA "R" PRODUCTS®

WE'VE GOT YOU COVERED

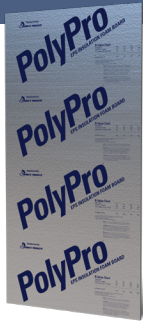
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Are You Choosing the Right Rigid Foam Board?



PolyPro® EPS
Expanded Polystyrene



HALO GPS
Graphite Polystyrene



XPS
Extruded Polystyrene



Polyiso
Polyisocyanurate

Choosing the Right Board for Your Application:

1

What R-value is required?

This will help determine type and thickness of product needed.

2

What is the application (exterior, interior, below grade)?

This will determine PSI requirements.

- 10 – 15 for wall assembly
- 25 for below grade

3

Does application merit a faced product?

Depending on the manufacturer, the facer may eliminate the need for an additional WRB and/or vapor barrier when taped.

Know Your Application Needs:

DESCRIPTION	Expanded Polystyrene (EPS)	Graphite Polystyrene (GPS)	Extrude Polystyrene (XPS)	Polyisocyanurate (Polyiso)
R-Value Per Inch	R-3.85	R-5.0*	R-5.0**	R-6.0
R-Value Duration	R-value stable during life of product		Loses up to 10% R-value within a few years	R-value diminishes in cold weather
Cost	\$	\$\$	\$\$\$	\$\$\$\$
Termite Treatment	Available	Available	–	–

*Nominal Inch 1 1/16"

**Only 90% of R-Value is guaranteed.

To Face or Not to Face:

PRODUCT	UNFACED	METAL/POLY	POLY/POLY	ALUMINUM/ALUMINUM
PolyPro - EPS	✓	✓	✓	–
HALO Exterra* - GPS	–	✓	✓	–
HALO Interra - GPS	–	✓	–	–
HALO Subterra** - GPS	–	–	✓	–
CHROME - GPS	✓	–	–	–
XPS	✓	–	–	–
Polyiso	–	–	–	✓

*Exterra seams must be taped to qualify as WRB.

**Subterra seams must be taped to qualify as vapor/radon barrier.



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