

# CHROME GPS

PROFESSIONAL GRADE GRAPHITE INSULATION

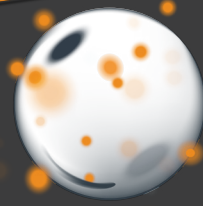
## INTRODUCING CHROME GPS™ — a premium, professional grade rigid insulation that delivers higher long-term R-value and more value for the money than regular XPS insulation!

High-performance Chrome GPS™ is powered by graphite enhanced polystyrene (GPS). Distinguished by its distinctive silver/grey colour, GPS is comprised of many small pockets of air within a polymer matrix containing graphite. The graphite reflects radiant heat energy like a mirror and increases the resistance GPS has to the flow of heat (or R-value) by up to 20% when compared to conventional EPS.

## CHROME GPS™ IS PROFESSIONAL GRADE.

- **Delivers R-5 per nominal inch\*** in both low and medium density applications. Its higher R-value means a thinner profile, which also means lower freight and installation costs.
- **Eliminates all thermal bridging** and also powers up when it gets colder, delivering even more R-value.
- **Resistant to aging and decay**, delivers the highest true R-value performance with no loss of R-value over time. It also offers high resistance to normal soil moisture.
- **Breathable and semi-permeable**, this high performance insulation reduces the risk of mould, rot and structural damage often associated with condensation and long-term water retention. It's also GREENGUARD certified for superior indoor air quality.
- **Manufactured locally** and contains 25x less embodied carbon (GWP) than a leading XPS insulation, and 57x less than another. Chrome GPS offers a much smaller carbon footprint and a contribution to LEED certification.

MADE OF  
Graphite Polystyrene



Powered by  
R-5 GPS  
Technology!



# TECHNICAL PROPERTIES

Property	Chrome GPS™ 1000	Chrome GPS™ 1600	Chrome GPS™ 2000	Chrome GPS™ 2500	Chrome GPS™ 3000
Compressive Strength (PSI, 10% deformation)	10.0 (70)	16 (110)	20.4 (140)	25 (175)	30 (200)
Thermal Resistance* frz @75	5	5	5	5	5
VAP Permeance	300	200	130	130	130
Water Absorption	4	3	3	2	2
Limiting Oxygen Index	24	24	24	24	24
Flame Spread Index	5	5	5	5	5
Smoke Developed Index	25	25	25	25	25

\*per nominal inch (1.06")

## Available Panel Sizes & Thicknesses

Standard Sizes: 2' x 8' (610 mm x 2440 mm), 4' x 8' (1220 mm x 2440 mm)

Standard Thicknesses: 1" (25 mm), 1.5" (38 mm), 2" (50 mm), 3" (75 mm), 4" (100 mm)

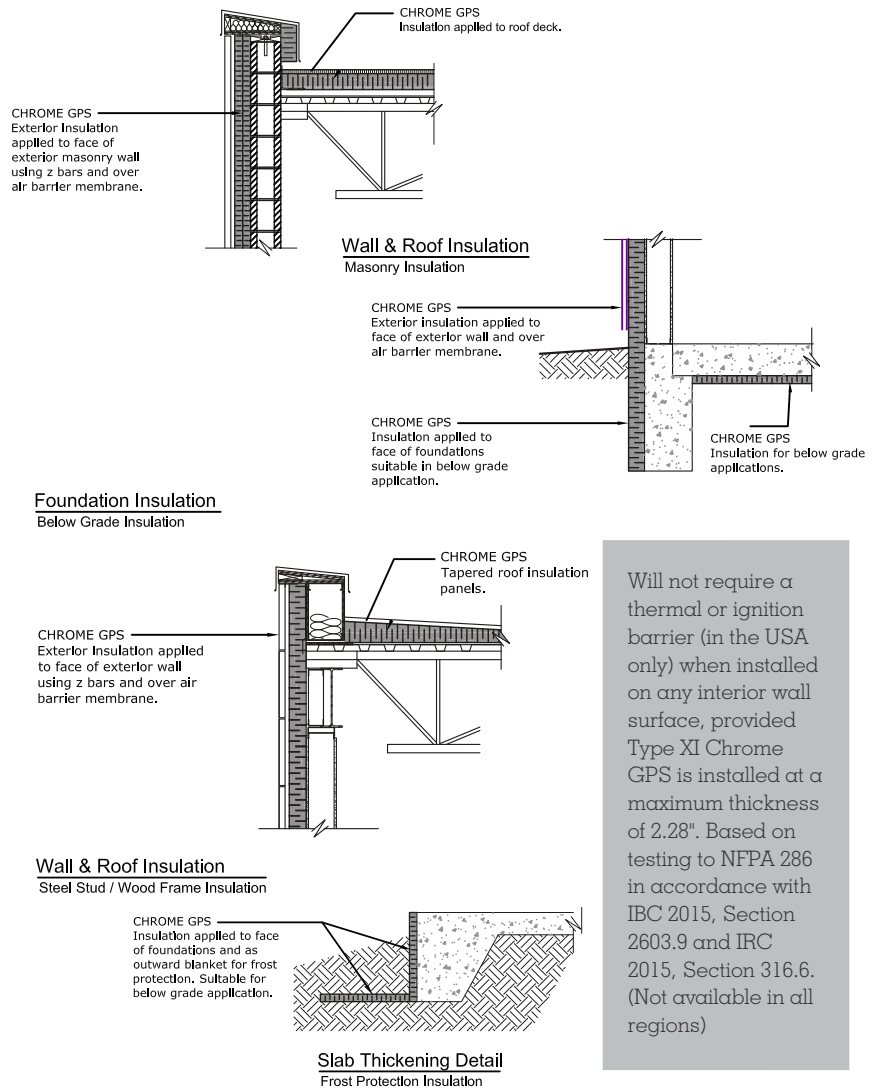
Custom dimensions, thicknesses and profiles available upon request.

## Installation Recommendations

Please contact your local Chrome GPS manufacturer for recommended installation procedures and guidelines for Chrome GPS.

### Caution: Protect from Fire & Heat

Chrome GPS™ is self-extinguishing, however, it must be protected from open flame and excessive heat. Solar energy compounded by external reflective surfaces can create excessive heat build-up within insulation products made from GPS Neopor® foam, as well as produce minor surface deformation. Protect from concentrated reflected sunlight or prolonged solar exposure.



Will not require a thermal or ignition barrier (in the USA only) when installed on any interior wall surface, provided Type XI Chrome GPS is installed at a maximum thickness of 2.28". Based on testing to NFPA 286 in accordance with IBC 2015, Section 2603.9 and IRC 2015, Section 316.6. (Not available in all regions)

For more information, email us at [info@logixbrands.com](mailto:info@logixbrands.com) or call your local Chrome GPS™ manufacturer. below.

Form Systems Inc.  
P.O. Box 16923  
Wichita, KS  
US 67216  
888.838.5038  
[FormSystemsInc.com](http://FormSystemsInc.com)

Beaver Plastics Ltd.  
7-26318 TWP Rd. 531A  
Acheson, AB  
Canada T7X 5A3  
888.453.5961  
[BeaverPlastics.com](http://BeaverPlastics.com)

Form Solutions  
840 Division St.  
Cobourg, ON  
Canada K9A 5V2  
888.706.7709  
[FormSolutions.ca](http://FormSolutions.ca)

Perma R Products Inc.  
2604 Sunset Dr.  
Grenada, MS  
US 38901  
-----  
106 Perma R Rd.  
Johnson City, TN  
USA 37604  
800.647.6130  
[PermaRProducts.com](http://PermaRProducts.com)

Progressive Foam  
Technologies Inc.  
6753 Chestnut Ridge  
Rd.  
Beach City, OH  
US 44608  
800.860.3626  
[ProgressiveFoam.com](http://ProgressiveFoam.com)

AMC Foam  
Technologies  
35 Headingley Rd.  
Headingley, MB  
Canada R4H 0A8  
877.789.7622  
[AMCFoam.com](http://AMCFoam.com)

