CHROMEGPS

PROFESSIONAL GRADE GRAPHITE INSULATION

Introducing the newest R-5 insulation technology with Neopor® Plus.

Neopor Plus is a construction grade, graphite enhanced polystyrene (GPS) rigid foam insulation. This next-generation product builds upon the Neopor brand, and delivers the highest R-value performance with no LTTR loss. Neopor GPS is comprised of many small pockets of air within a polymer matrix containing graphite. The graphite reflects radiant heat energy like a mirror, increasing the material's resistance to the flow of heat, or R-value.

CHROME GPS is S.M.A.R.T. Insulation:

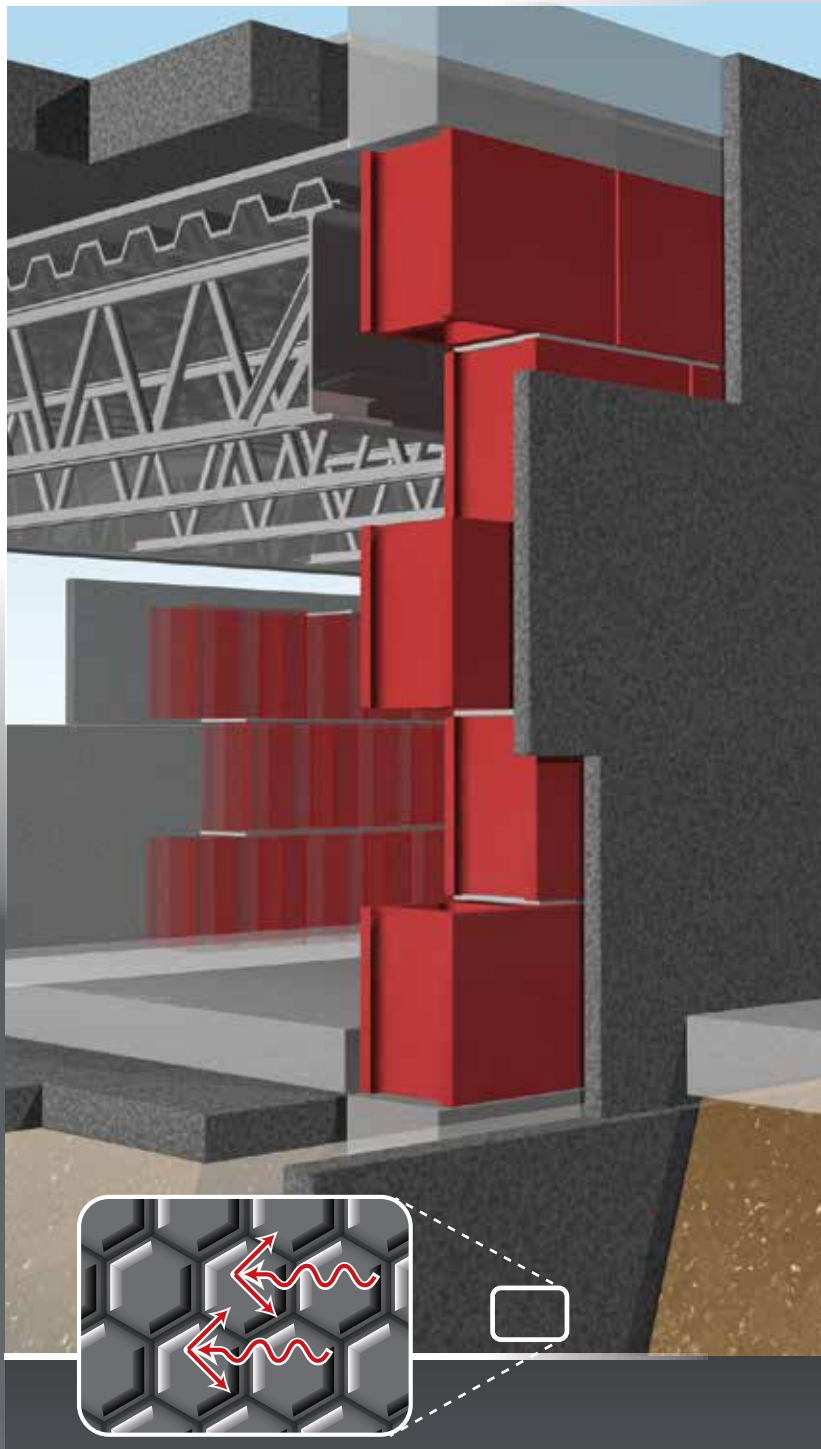
Stability and Durability
- CHROME GPS is stable as it consistently delivers the highest true R-value performance with no loss of R-value over time.

Moisture-management
- CHROME GPS is a breathable and semi-permeable high performance insulation that helps reduce the risk of mold, rot and structural damage associated with moisture condensation and long-term water retention.

Adaptable to all climate zones
- CHROME GPS powers up when it gets cold outside as the R-value increases as temperatures decrease.

Resource-efficient
- CHROME GPS uses up to 30% less material than other rigid foam insulation to achieve the same R-value.

Third-party validated and certified
- CHROME GPS incorporates Neopor® Plus and is GREENGUARD Gold Certified. Neopor® has been referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.



Cell-to-cell reflection of radiant energy occurs throughout the entire thickness of insulation.

Beaver Plastics

www.beaverplastics.com

CHROME GPS SERIES TECHNICAL PROPERTIES

CHROME GPS series rigid foam is today's energy efficient and cost effective solution for architects, builders and contractors.

Property	Unit	CHROME GPS 1000	CHROME GPS 1600	CHROME GPS 2000	CHROME GPS 3000
meets or exceeds CAN/ULC S701-11		Type I	Type II	Type III	Type IX
COMPRESSIVE STRENGTH	10% DEFORMATION - PSI (KPA)	10.0 (70)	16 (110)	20.4 (140)	30 (210)
THERMAL RESISTANCE R-VALUE (RSI)	ft² hr °F/BTU (m² °C/W) @ 75°(24°C)	5.0 (0.88)*	5.0 (0.88)*	5.0 (0.88)*	5.0 (0.88)*

*thermal performance claim based on a thickness of 1 1/16"

MATERIAL PROPERTIES

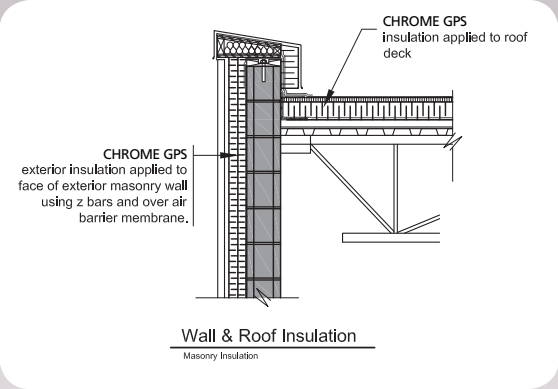
Property	CHROME GPS 1000	CHROME GPS 1600	CHROME GPS 2000	CHROME GPS 3000
Water Vapour Permeance, max, ng/Pa.s.m^2	300	200	130	130
Dimensional Stability, max, % linear change	1.5	1.5	1.5	1.5
Flexural Strength, min, kPa	170	240	300	350
Water Absorption, max, % by volume	1.1	1.1	1.1	1.1
Limiting Oxygen Index, min, %	24	24	24	24

Sizes, Special Profiles and Packaging

Available in standard sizes from 610 x 1220 (2'x 4') to 1220 x 2440 mm (4'x 8') panels, up to 750 mm (30") thick. Special dimensions and customer-designed profiles are available with reasonable notice.

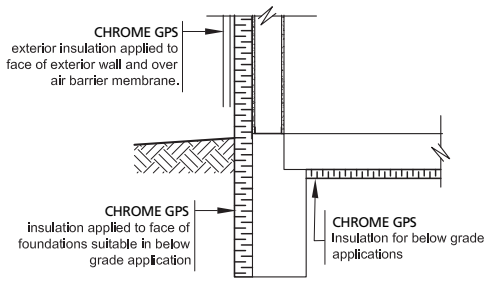
Caution: Protect from Fire and Heat

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, and produce minor surface deformation. Protect from concentrated reflected sunlight or prolonged solar exposure.



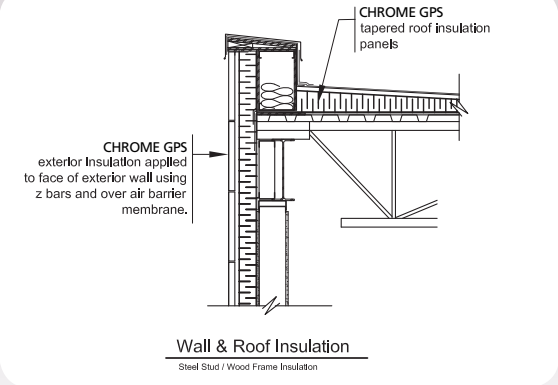
Wall & Roof Insulation

Masonry Insulation



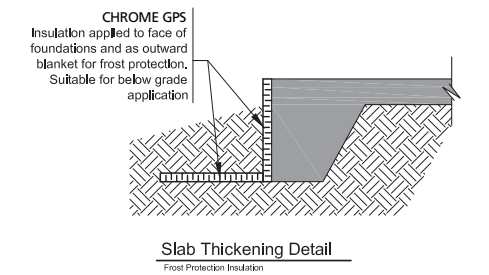
Foundation Insulation

Below Grade Insulation



Wall & Roof Insulation

Steel Stud / Wood Frame Insulation



Slab Thickening Detail

Frost Protection Insulation

Beaver Plastics

11581-272 Street, Acheson, Alberta, Canada T7X 6E9
6333 Unsworth Rd, Chilliwack, British Columbia, Canada V2R 5M3

Phone: **780 962-4433**
Fax: **780 962 4640**
Toll Free: 1 **888 453 5961**

Neopor® Innovation in Insulation provided by BASF

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818