

# Styrobar<sup>®</sup>

PLATINUM

ADVANCED GPS TECHNOLOGY

Powered by  
R-5 GPS  
Technology!



## Introducing Styrobar<sup>®</sup> Platinum — a premium, construction-grade rigid insulation that delivers higher long-term R-value and more value for the money than regular XPS insulation!

High performance Styrobar<sup>®</sup> Platinum 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 GPS's resistance to the flow of heat (or R-value) by up to 20% when compared to conventional EPS.

### STYROBAR<sup>®</sup> PLATINUM = PLATINUM PERFORMANCE

- **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 uses up to 30% less foam than other insulations, which means a smaller carbon footprint and a contribution to LEED certification.



[www.AMCFoam.com](http://www.AMCFoam.com)

# STYROBAR® PLATINUM TECHNICAL PROPERTIES

Property	Styrobar® Platinum 100	Styrobar® Platinum 160	Styrobar® Platinum 200	Styrobar® Platinum 250	Styrobar® Platinum 300
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)

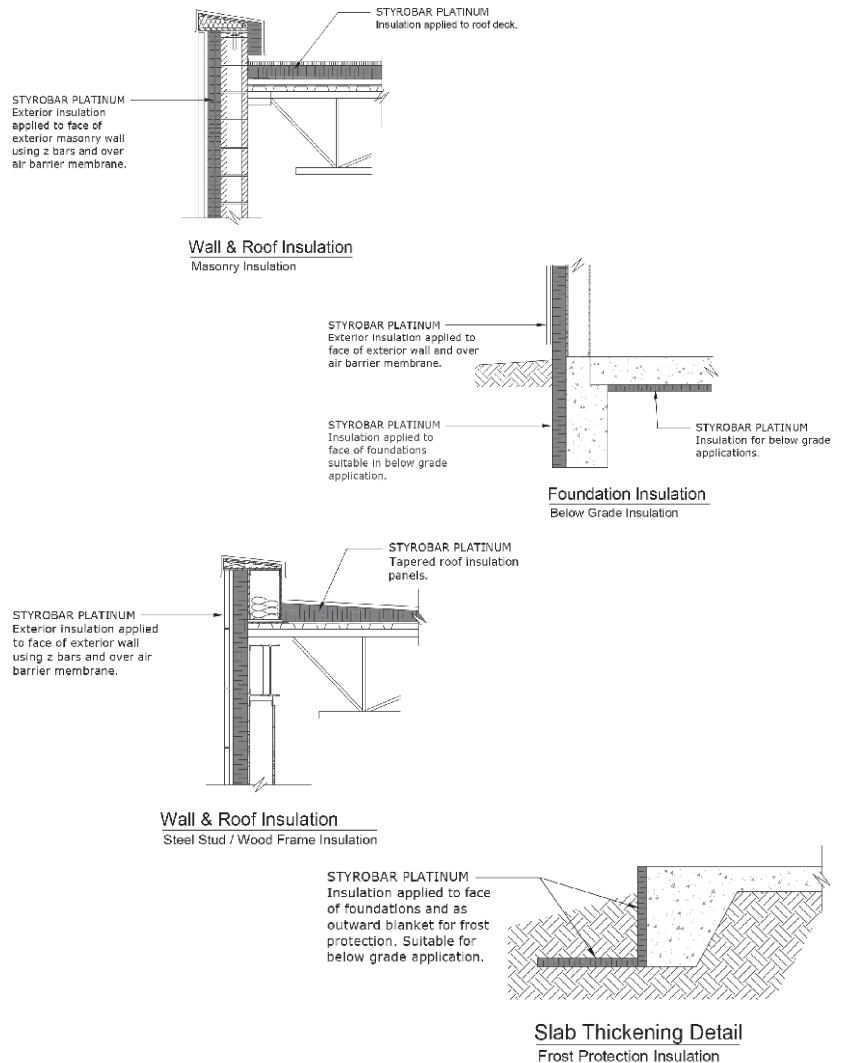
Custom dimensions, thicknesses and profiles available upon request.

## Installation Recommendations

Please refer to the appropriate Styrobar® Platinum installation guidelines for recommended installation procedures, available at [www.AMCFoam.com](http://www.AMCFoam.com) or by asking your local representative.

## Caution: Protect from Fire & Heat

Styrobar® Platinum 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.



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