

Unibloc®

Geofoam by Unipod®



Advanced performance in geo-technical solutions.

Unibloc Geofoam® is a high performing fill material made from moulded polystyrene, designed and engineered specifically for civil and commercial building construction. Its durability and exceptional strength to weight ratio, allow Unibloc Geofoam® to resist heavy structural loads and reduce underlying soil stresses for a variety of applications, such as lightweight roads, bridge abutments, elevation changes, foundations and many more.

Copious benefits

Engineered to provide an abundance of performance benefits, Unibloc Geofoam® gives you maximum control of your project's design, timeline and costs.

- Durable, strong, and stable
- Faster, more efficient installation
- Contains no CFC, HCFC, or HFC
- Inert in all conditions
- Resistant to water absorption
- Extremely lightweight to reduce lateral loads
- Exceptional strength to weight ratio
- Reduced construction times – more cost effective
- Easily shaped on site or supplied prefabricated
- Improved throughput
- Resistant to termite infestation
- Manufactured to International Standard
- Reliable material performance
- Custom grades and sizes available

Unibloc® is manufactured to International Standard ASTM D6817 to ensure high quality Geofoam in lieu of no Australian standard in existence.

Flexibility in size and shape

Unibloc Geofoam® is produced in block form, available in various standard and custom sizes, and is easily installed.

- 1.2m width
- 2.5m, 3.0m, 5.0m, or 6.0m lengths
- 75mm up to 1.2 m thickness
- Custom sizes and fabrication to meet project requirements.



Engineered to perform

Engineered in design, and manufactured using the world's most technologically advanced machinery, Unibloc Geofoam® provides consistent strength and stability for various civil and building applications, surpassing the performance of traditional fill materials and making it a highly versatile and dependable product.

Unibloc Geofoam® gives you maximum control of your project's design, time-line and costs.



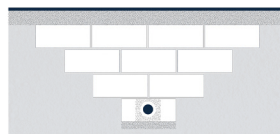
Lightweight Roads



Foundations



Weight Reduction for Utilities



Bridge Abutments



Side Hills



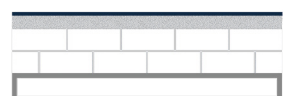
Elevation Changes



Retaining Walls



Weight Reduction for Structures



GeoGripper plate

The Unibloc® GeoGripper Plate is a galvanized steel multi-barbed connector. It is used to restrain rigid foam moving laterally in “layer over layer” applications. Its single piece/two-sided barb design allows for excellent connection between layers in a one-step application. GeoGripper keeps Unibloc® from moving in windy weather conditions, for a safer construction site. Unipod® is the exclusive Australian distributor of GeoGripper plate.



Unipod®

Unibloc Geofoam® is manufactured in Australia by Unipod® using the world's latest and largest EPS block machinery. Due to an absence of Australian standards for Geofoam, Unipod® works closely with AFM Corporation in the United States, to deliver tested and proven Geofoam products to the Australian market that assure high-performing solutions for the construction industry.

In addition to Unibloc Geofoam®, Unipod® also manufactures and supplies:

- Unitherm® Underslab Insulation
- Unipod® Waffle Pods
- Unipoly® EPS Block / Panel
- Marine Pontoons
- Profile cutting

Proud Licensee of:



Unipod® is a progressive moulded polystyrene manufacturing and recycling company, founded in 2007, Victoria Australia. The plant's machinery and equipment are custom designed and built, making the plant a state-of-the-art operation, and Unipod® the market leader in product quality, design flexibility and overall service.

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