

## Geosynthetics Interest Group of South Africa

Established 1994

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### Geofoam

Geofoam blocks or slabs are created by expansion of polystyrene foam to form a lightweight high void content material. Geofoam is used for thermal insulation, as a lightweight fill or as a compressible vertical layer to reduce earth pressures against rigid walls.



*Image: Geofoam*

The above definitions are stated within the South African context.  
Refer to ISO 10318:2018: Geosynthetics – Terms and definitions for formal definitions.