

## Geosynthetics Interest Group of South Africa

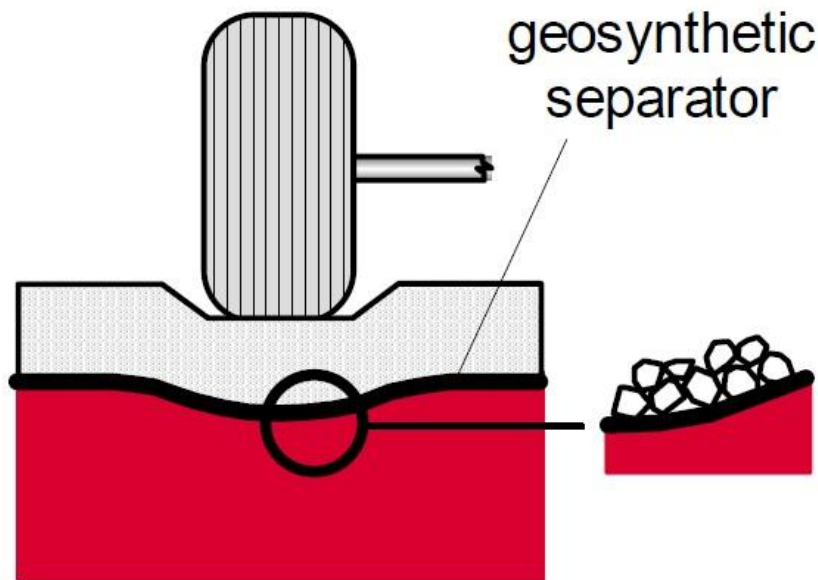
Established 1994

### Separation Function

*“The use of a geosynthetic material between two dissimilar geotechnical materials to prevent intermixing.”*

A geosynthetic that is placed between two dissimilar materials to prevent intermixing. Examples of this is to use a geosynthetic to separate two soil layers that have different particle size distributions or between a waste body and its underlying drainage.

Geotextiles are used to prevent road base materials from penetrating into soft underlying soft subgrade soils, thus maintaining design thickness and roadway integrity. Separators also help to prevent fine-grained subgrade soils from being pumped into permeable granular road bases.



*Image: Separation Function*

The above definitions are stated within the South African context.

Refer to ISO 10318:2018: Geosynthetics – Terms and definitions for formal definitions.

IGS Reference.