

Geosynthetics Interest Group of South Africa

Established 1994

Stabilization Function

The use of a geosynthetic to minimize lateral displacement in the construction material by maintaining the original confinement and, consequently, maintaining the original soil modulus that results in a wide distribution of loads and decreased soil-interface stresses.



Image: Stabilization Function (prestogeo.com)

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