

Geosynthetics Interest Group of South Africa

Established 1994

Reinforcement Function

“The use of the tensile properties of a geosynthetic material to resist stresses or contain deformations in geotechnical structures.”

The use of the tensile properties of a geosynthetic material to resist stresses or contain deformations in geotechnical structures. Reinforcement, typically a geogrid or geocomposite reinforcement, is applied to a soil mass such as retained earth walls and steep slopes as well as used to bridge over very soft foundations.

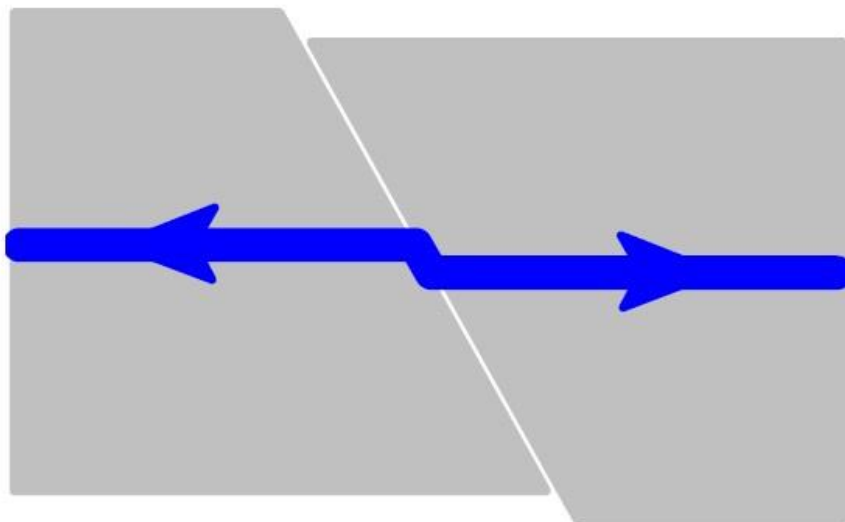


Image: Reinforcement Function

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