



GMG 512 GEOCOMPOSITE

Geocomposites are made of polymers where at least one of the components is a geosynthetic product. In most of cases are made of geonets and geotextiles and it use to be applied as a drainage system.

The GMG 512 geocomposite has a high capacity of filtration and drainage. This is because it has a geonet nucleus (HD polyethylene structure). The nucleus allows the conduction of liquids or gases in any direction and with minim slope. Also it has geotextiles to surround the nucleus. The geotextile prevents the passage of fine materials.



The GMG 512 is used in the soil as a system of drainage. Its function is to evacuate efficiently a fluid when creating a relation of emptiness's bigger than the one finds within the soil. The nucleus of geonet is designed to support loads of earth pressure without for that reason his drain capacity is affected. In walls of concrete or masonry it replaces the traditional ones drain of gravel, also turn out extremely efficient to alleviate hydrostatic pressures in walls structured with geogrids. It allows savings in storage costs and materials placing.



The main application is:
Retaining walls
Landfills
Tunnels
Sport fields

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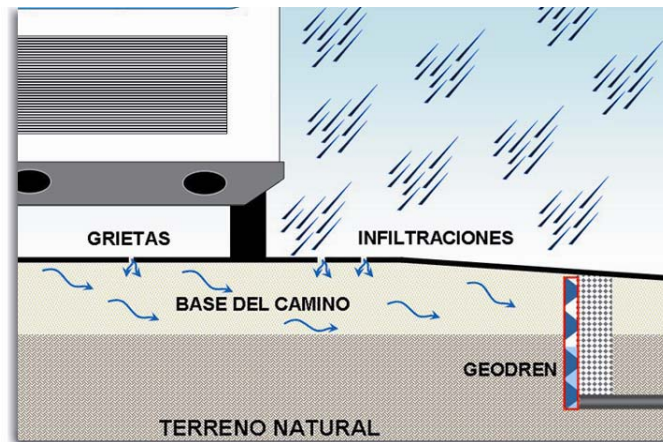
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Moreover roads, railways, airport runways, among other roadways require a sub-drain system to avoid frequent damage to groundwater or infiltration of rainwater folder on the asphalt. This material is placed longitudinally parallel to the path to dislodge water infiltrated into the body of the embankment, lengthening the life of the project.



Benefits of the system

- To avoid hydrostatic pressures in containment elements
- To catch and to lead dangerous remainders
- To diminish the humidity presence
- To prevent frequent deteriorations in works
- To prevent water logging
- Broke the capillarity of saturated soils
- It not require specialized workmanship
- Reduces work costs
- Reduces times of positioning compared with traditional systems of drainage

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