

ACE GG-I GEOGRIDS

It is polymer structure manufactured in form of grid with greater openings to the elements than conform it (ribbings). The ACE GG-I reinforcement geogrid is done by polyester fibers covered with black pvc. They have great capacity to support efforts of tension in both directions. Its main function is to reinforce the soil to improve its mechanical properties and their basic applications are in:

A) Reinforcement slopes and containment Walls.

The ACE GG-I reinforcement geogrid offers a great alternative for the construction of slopes and walls of containment, with such structural benefits as traditional element of containment to smaller costs and times of construction.

The ACE GG-I reinforcement geogrid tends horizontally between layers of filling compacted with the purpose of forming a structured embankment and has the function to take the tension efforts caused by the pushes from earth without the necessity of the support of some external element, as the concrete retaining walls. Some of the most common uses of the reinforcement retaining walls or reinforcement embankments are in:

- Construction of houses
- Roads
- Approaching ramps
- Parking lots
- Gardens
- Among others



México City, Office

Av. Insurgentes Sur No. 1991, Torre A, Desp. 100-A, Col. Guadalupe Inn, C.P. 01020, México, DF
Tel. 52 (55) 5662-6110, Fax. 52 (55) 5662-0086

Monterrey, N.L. Office

Blvd. Díaz Ordaz No. 140, Torre II, Piso 20, Col. Santa María, C.P. 64650, Monterrey, N.L.
Tel 52 (81) 8865-4846, Fax. 52 (81) 8865-4598

www.mlingenieria.com,

ml@mlingenieria.com

Lada sin costo: 01 800 58 11 646

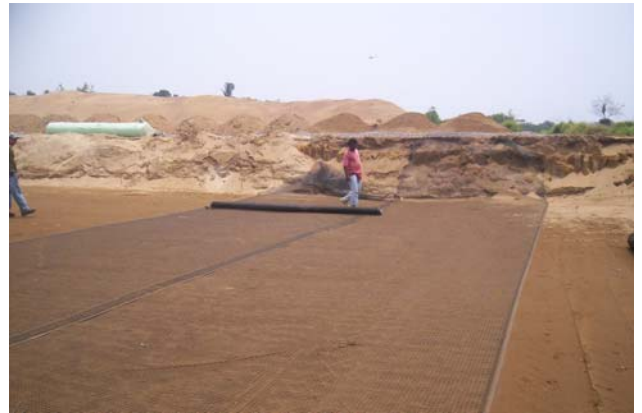
B) Soft soil stabilization, increase of bearing capacity and redistribution of efforts in the soil.

The ACE GG-I biaxial geogrid allows us to redistribute the efforts generated by the operating loads in two-way traffic, at the same time to increase the bearing capacity and to reduce the deformations, diminishing significantly the cost of the work. The ACE GG-I geogrid allow us to avoid the presence of bigger thicknesses of soil, deformations and differentials collapses that are caused by the transit of vehicles or efforts generated by dynamic loads. Their main applications are in the reinforcement of:

- Paved ways
- Routes or tracks of airports
- Platforms of foundations for structures
- A platform for several uses (departmental houses, industries, parking, stores, warehouses, etc).

ACE GG-I GEOGRIDS

- ACE GG – 20 II
- ACE GG – 30 II
- ACE GG – 60 I
- ACE GG – 100 I
- ACE GG – 150 I



México City, Office

Av. Insurgentes Sur No. 1991, Torre A, Desp. 100-A, Col. Guadalupe Inn, C.P. 01020, México, DF
Tel. 52 (55) 5662-6110, Fax. 52 (55) 5662-0086

Monterrey, N.L. Office

Blvd. Díaz Ordaz No. 140, Torre II, Piso 20, Col. Santa María, C.P. 64650, Monterrey, N.L.
Tel 52 (81) 8865-4846, Fax. 52 (81) 8865-4598

www.mlingenieria.com,

ml@mlingenieria.com