

### **EGA 30 GEOCELL**

The EGA 30 geocell is a material with three-dimensional structure in alveolar form or of honeycomb, done with perforated strips of HD polyethylene (HDPE) welded by extrusion in some points to form individual cells. It has the purpose of confining the material with which fills up to obtain a system of control of superficial erosion. The perforation of the cells allows an efficient hydraulic behavior and avoids that the filling material is saturated.



EGA 30 geocell turns out ideal to vegetate slopes where the land is very hard or rocky since it is managed to obtain to the confinement and suitable thickness of vegetal earth so that vegetation can be generated.



The earth rivers, lakes or channels are exposed in order that the erosion caused by the action of the volume which generates important loosening of material in the slopes. EGA 30 geocell conserves the vegetation to the passage of the volume, reducing the speeds to avoid the undermining in the walls of the slopes, being conserved the original section of the channel.

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#### **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 18, Col. Santa María, C.P. 64650, Monterrey, N.L.  
Tel 52 (81) 8865-4846, Fax. 52 (81) 8865-4598

[www.mlingenieria.com](http://www.mlingenieria.com),      [ml@mlingenieria.com](mailto:ml@mlingenieria.com)

Lada sin costo: 01 800 58 11 646



It can also be stuffed the cells with granular material to obtain the protection of the slopes, or can serve as low speed bearing surface.

#### **Benefits of the system:**

- Superficial stability and control of erosion by means of a natural system
- Improvement of aspect in slopes without capacity of vegetation in slopes of up to 60 ° Architectonic aspect in urbanization works
- Surfaces of bearing of low
- Installation does not require skilled labor short
- Time of installation Diminishes cost of the work and installation time

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