

Unleashing Nature's Potential



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EASYGROWECODAM®
Erosion Control Coir Dam

Product Code
COIR60080101

EasyGrowEcoDam® is made from coir mat square type liner is filled with bristle coir fiber and mattress coir fiber. Coir fiber is uniformly packed into high strength coir twine netting closely connected with machine spun upstream and downstream Eco-Geo textiles Coir Mesh.

It reduces the water flow and filters the sediment. Closely woven Geo textiles Coir Mesh prevents downstream and upstream undercutting while trapping sediment and improving water quality.

EasyGrowEcoDam® works well, when sitting directly in water and out of water, on slopes and can hold the site stable for 4-6 years. It's easy to carry, easy to use and performs very well in any properly installed project site.

Soil Bioengineering is an established method of stabilizing or protecting eroded soils. It is unique in plants, such as roots and stems, and is used as the main structural components to reinforce the soil and provide protection to water sources. These imbedded plant materials act as:

- **soil reinforcements**
- **barriers to earth movement**
- **hydraulic drains**
- **moisture wicks**

Structures are created to provide immediate mechanical stability while establishing a vigorous root zone structure within the eroded soil. These living structures have an inherent ability to become stronger with time and self-repair water edges, provide habitats for aquatic and terrestrial wildlife and filter runoff water.

Growth of the bioengineering materials forms a healthy, natural groundcover of native plants, while creating microclimatic conditions favorable to the establishment of other native plant species and wildlife habitat.

A variety of soil bioengineering methods can be applied for stabilizing areas of surface erosion or shallow landslides. Different methods, or combination of methods, can be used to/on:

- **cut and fill slopes along roadways**
- **landfill covers**
- **spoil banks**
- **wildlife habitat**
- **landscape restoration**
- **Stream banks.**

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