# Coco Coir Erosion Mats

Sustainable Solutions for Erosion Control











## **Urban Planter Erosion Control Products**

• At Urban Planter, we offer two primary erosion control solutions: **Coco Coir Erosion Mats** and **Coco Coir Erosion Logs**.

### • Erosion Mats:

Eco-friendly, biodegradable mats designed for broad surface coverage to stabilize soil and support vegetation growth. Ideal for slope stabilization, landscaping, and revegetation projects.

### • Erosion Logs:

Cylindrical coir fiber structures, perfect for localized erosion control in high-flow areas like riverbanks, shorelines, and steep embankments.

### **Erosion Mats**



**Erosion Logs** 



### Applications

Slope Stabilization



Coir mats prevent soil erosion, while logs stabilize slopes by reducing water flow

Shoreline Protection



Mats support vegetation growth; logs control sediment and manage water flow.

Construction Sediment Control



Mats cover soil, logs redirect water and trap sediment on roadsides and construction sites.

Wetland Rehabilitation



Mats aid revegetation; logs stabilize edges and manage water in wetlands and landscaping

### Landscaping Projects



Coir mats create visually appealing, stable terrains, while logs define pathways and protect soil

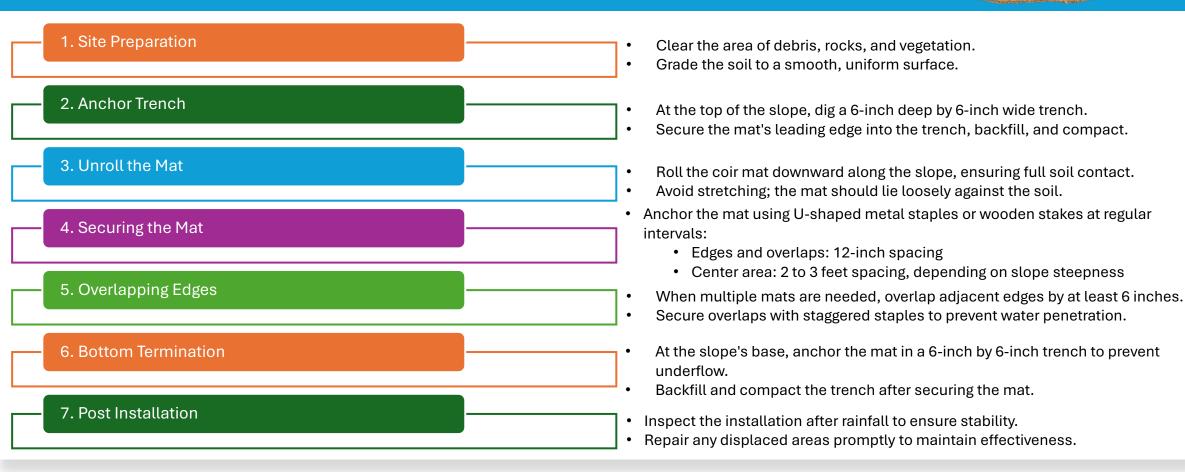


Product	Dimensions (m)	Weight (g/sq ft)	Rolls/40ft Container	Description
400g Erosion Control Roll	2 x 50	400	400	Great for areas requiring moderate erosion protection, providing a natural layer to stabilize soil without synthetic materials.
700g Erosion Control Roll	2 x 50	700	250	Offers enhanced erosion resistance, ideal for steeper slopes and areas subject to higher water flow.
900g Erosion Control Roll	2 x 50	900	110	Provides maximum density and erosion protection for extreme conditions and high water flow areas.





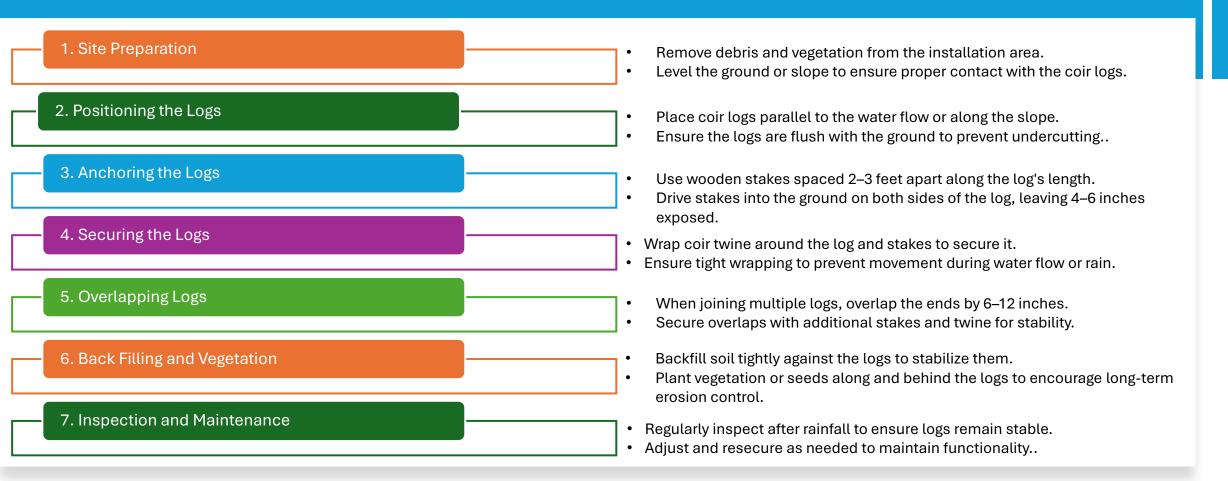
## Installing Coir Erosion Mats







## Installing Coir Erosion Logs







### **Project Overview**

- Location:
  - Backyard streambank subject to severe erosion.
- Objective:
  - Stabilize the streambank, prevent soil erosion, and promote vegetation growth using eco-friendly materials.
- Challenges
  - Significant erosion from water runoff.
  - Difficulty establishing vegetation on steep slopes.
  - Need for an environmentally friendly solution.
- Solution
  - **Coir Logs:** Positioned at the streambank base to block water flow and trap sediment.
  - Coir Mats: Covered the slope to stabilize soil and create a base for vegetation growth.
  - Secured both products with stakes to ensure stability.

#### **Results Immediate Impact:**

- Stabilized the streambank and reduced soil erosion.
- Vegetation Growth: Native plants thrived, creating a natural root system for long-term stability.
- Sustainable Approach: Biodegradable coir materials enhanced the ecosystem without harming the environment.





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