

COIR WATTLE

**100% Biodegradable
Erosion & Sediment
Control Solution**



Stream Bank Restoration & Re-vegetation



Coir Wattle is made from made from rubberized (organic Latex rubber) coir mat liner and inside the tube is filled with baby coir fiber. Baby coir is uniformly packed into a high strength coir twine netting to hold the rubberized coir mat liner with baby coir

Coir wattle prevents sediment pollution of streams. It stabilizes stream banks, and preventing the soil from eroding into the stream below. When staked in trenches on the contour of the embankment, coir wattles filter overland water flow, trapping and holding sediment on the stream bank. This will prevent sediment end up in the

water below.

Coir Wattles t work well sitting directly in water and out of water on slopes, they hold the stream bank stable for 3 - 5 years. This gives sprouting seeds ample time to develop an intricate root system that will continue the task of stabilization after the wattles have gradually decomposed.

STORMWATER RUN-OFF CONTROL FOR ALL CONSTRUCTION PROJECTS

COIR WATTLES:

- Filter storm water and runoff water
- Easy to laid along the edge of the sidewalks to keep soil on site and prevent it from washing onto pavement and asphalt
- Can be easily replace with Strew or hay bales
- Easy to clean and easy to carry
- spread overland water flow
- trap sediment to prevent erosion
- can be wrapped around storm drain inlets to slow water and settle out sediment
- Coir wattles are less expensive and more effective.
- Coir wattles are level spreaders



They capture sediment and spread water rather than concentrating the flow and volume like drainage swales.

FORESTRY

Coir wattle is an excellent tool for erosion protection that is needed after harvesting trees or after a forest fire. It will capture sediment and hold it on site to prevent erosion and sediment pollution.

Harvesting trees removes an intricate root development that has been sustaining the soil, holding it in place, and aiding the growth of all kinds of vegetation. Without that root system, soil is left with nothing to hold it in place. Coir wattles can help stabilize the situation long enough for new vegetation to get established.

Coir wattles are also being widely used for forest fire burn rehabilitation projects in many parts of the world. Burned slopes are left bare and exposed to the elements, particularly rain and wind. Coir wattles slow the velocity of the runoff from rain, helping to prevent the development of rills and gullies that erode the slope and render them unable to sustain plant life. Wattles stabilize bare slopes by trapping sediment and holding the soil in place so plants have a chance to established and thrive.

Coir wattles are environmentally friendly. They are low to the ground, blending in with the landscape as vegetation becomes re-established. The COIR eventually mulches down and the netting also biodegradable, Since the COIR is tightly packed into the small nonwoven netting, there is no problem with animals becoming trapped.

OTHER MAJOR APPLICATIONS OF COIR WATTLES:

- Mind and land reclamation
- Sky Resorts
- Vineyard erosion control
- State Parks and recreation areas
- Landscaping
- New Sub division development projects

