

## Coir Geo-textiles

Geo-textiles are made of pure coir, drawn from the husk of the coconut without adding any synthetic material, and are a 100% natural product. It is used as a Blanket to prevent soil erosion, accelerates growth of vegetation on banks and slopes. The distinctive feature compared to conventional geo textiles is that it is used for soil stabilization, reinforcement, landscaping, and erosion control.

Coir fiber is naturally resistant to rot, mold, and moisture, it needs no chemical treatment. Hard and strong, it can be spun and woven into matting. They also have the right strength and durability to protect the slopes from erosion, while allowing vegetation to flourish. They can dissipate the energy of flowing water and absorb the excess solar radiation. Geotextiles have been used for thousands of years.

Geotextiles were used in roadway construction in the days of the Pharaohs to stabilize roadways and their edges. A geotextile is defined as any permeable textile material that is used with foundation, soil, rock, earth, etc. to increase stability and decrease wind and water erosion.

Geotextile used will sometimes mask slope failures until erosion is too far advanced to remediate the slope effectively and cheaply. Coir geotextiles degrade in 2-3 years while jute degrades in 1-2 years. Coir is therefore useful in situations where vegetation will take longer to establish.

### Advantages:

- 100% Natural Fiber, Biodegradable and environmentally friendly.
- Temporary soil covering until re-vegetation starts.
- Shield against wind or water erosion and Re-enforce soil.
- Can be laid on high gradients.
- High Tensile strength.
- Stopper of composed material, seeds & seed links.
- Can absorb water, allowing re-vegetation in low rain areas.
- Improve quality of soil and Enhance water draining.
- Easy to install / Maintain / Path-up.

### Our Product Specifications

Product Name	Coir Geo Textiles	Product Photo
<b>Material</b>	100% Coir or customer specifications	
<b>GSM</b>	400gsm, 700gsm, 900gsm	
<b>Size</b>	2 x 50m, 3 x 50m, 4 x 50m in roll form	
<b>Mat Width</b>	2m, 3m, 4m	
<b>Mat Length</b>	Customer's required size	
<b>Packing</b>	Roll form or compressed bale Floor loading	
<b>Services</b>	OEM / ODM / Private Label	
<b>Customization</b>	Possible	

**Specifications can be changed with the buyer's preferences**