



Coir Blocks are a cost-effective erosion control method often used to **stabilize slopes, restore shorelines**, and help with erosion control along stream banks. The coir block system takes these **densely packed coir blocks**, and places them inside bristle coir woven fabric. This helps to join blocks together to form a long section for erosion control.

Perfect for use in:

- Slope Stabilization
- Stream Bank Erosion Control
- Stream Relocation
- Shoreline Restoration
- Soil Lifts with Vegetation

Typical Coir Block Specifications (Other Sizes may be Available)

Block	12-300	16-200	16-300	16-400
Unit Weight	4.2 lbs/ft (6.3 kg/m)	6.6 lbs/ft (9.9 kg/m)	7.2 lbs/ft (10.7 kg/m)	7.7 lbs/ft (11.5 kg/m)
Height	12 in (30 cm)	16 in (40 cm)	16 in (40 cm)	16 in (40 cm)
Thickness	5 in (13 cm)	9 in (23 cm)	9 in (23 cm)	9 in (23 cm)
Length	10 ft (305 cm)	10 ft (305 cm)	10 ft (305 cm)	10 ft (305 cm)





Coir Block Specifications

The coir block and erosion control system is designed to **effectively & efficiently control erosion** along streams, slopes, and other areas in need of stabilization. It has often been combined to form long sections that can provide extended erosion control for long areas.

Coir Block Complete Specifications

Block	BioD-Block™ 12-300	BioD-Block™ 16-200	BioD-Block™ 16-300	BioD-Block™ 16-400
Unit Weight	4.2 lbs/ft (6.3 kg/m)	6.6 lbs/ft (9.9 kg/m)	7.2 lbs/ft (10.7 kg/m)	7.7 lbs/ft (11.5 kg/m)
Block Height	12 in (30 cm)	16 in (40 cm)	16 in (40 cm)	16 in (40 cm)
Thickness	5 in (13 cm)	9 in (23 cm)	9 in (23 cm)	9 in (23 cm)
Length	10 ft (305 cm)	10 ft (305 cm)	10 ft (305 cm)	10 ft (305 cm)
Fabric Length (top)	47 in (117.5 cm)	16 in (40 cm)	28 in (71 cm)	48 in (122 cm)
Fabric Length (bottom)	47 in (117.5 cm)	28 in (71 cm)	56 in (142 cm)	75 in (190 cm)
Tensile Strength MD	1740 lbs/ft (25.4 kN/m)	1740 lbs/ft (25.4 kN/m)	1740 lbs/ft (25.4 kN/m)	1740 lbs/ft (25.4 kN/m)
Tensile Strength CD	1176 lbs/ft (17.2 kN/m)	1176 lbs/ft (17.2 kN/m)	1176 lbs/ft (17.2 kN/m)	1176 lbs/ft (17.2 kN/m)
Length at Female End	6 in (15 cm)	6 in (15 cm)	6 in (15 cm)	6 in (15 cm)





Coir Block Specifications

- Coir Block Fabric:** Densely packed elongated mattress coir fiber.
- Coir Outside Fabric:** Bristle Coir Woven Fabric. Contains a three sided fabric material including a top fabric and bottom fabric material that folds around the coir blocks. Each fabric system should have both a male and female end.
- Block Sizes:** Sizing for these blocks includes units that are either 12" high and 5" thick or 16" high and 9" thick, depending on your conditions.
- Connection & Use:** Each coir block system helps when dealing with multiple soil layers. Coir block sections can be connected through their fabric layers. Each outside fabric should have both a male and female side. Sections will be connected by placing the male section into the female side. The overlapping of these two sides should be anchored.
- Installation:** Each coir block system contains one open side. This side can be easily filled with dirt to help stabilize your erosion control. This helps to decrease installation times, helping to reduce overall costs.

