



# BioD-Block™ 16-400

Fabric attached coir block system

US Patent #: 6893193

Completely Wildlife Safe!

## Description

This is to certify that the BioD-Block™ 16-400 consists of a 10-ft long, 16-in tall and 9-thick densely packed mattress coir block with BioD-Mat 70 woven coir fabric attached. Three sides of the coir fiber block is wrapped with woven coir fabric and free ends of woven coir fabric is extended from top and bottom of the coir fiber block. Each block has a male and a female end for secure connection. The BioD-Block™ 16-400 coir block system is manufactured to conform to the following properties and features.

## Specifications

| Property                    | BioD-Block™ 16-400         |
|-----------------------------|----------------------------|
| Unit weight                 | 7.7 lbs/ft<br>(11.5 kg/m)  |
| Block size                  |                            |
| Height                      | 16 in (40 cm)              |
| Thickness                   | 9 in (23 cm)               |
| Length                      | 10 ft (305 cm)             |
| Fabric length               |                            |
| Top                         | 48 in (122 cm)             |
| Bottom                      | 75 in (190 cm)             |
| Tensile strength of fabric  |                            |
| MD                          | 1740 lbs/ft<br>(25.4 kN/m) |
| CD                          | 1176 lbs/ft<br>(17.2 kN/m) |
| Fabric length at female end | 6 in (15 cm)               |

**We recommend using BioD-Block system for soil lift construction. Construction of vegetated soil lifts with coir block system is much easier and more efficient than with fabrics.**



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