



# Erosion Control BLANKET

## Specification Sheet

### C32BD

The C32BD 100% biodegradable blanket from ErosionControlBlanket.com is manufactured from 100% coconut fiber stitched with cotton thread between two biodegradable leno woven jute nets with a mesh size of 2.5 x 1.3 cm (1.0 x 0.5 in). The “C” and “3” represent coconut fiber applied at a minimum of 270 g/m<sup>2</sup> (0.5 lbs/yd<sup>2</sup>) and the “2” represents that the blanket is netted on the top and bottom sides. The functional longevity of the blanket is 12-24 months depending on moisture, light, and environmental conditions. The blanket is sewn together on 38.1 mm (1.5 in) centers, with biodegradable cotton thread to ensure the same rate of degradation for the nets and thread. Each roll of C32BD is packaged in clear shrink-wrap with a green band and includes installation instructions.

#### Design Values

- “C” factor = 0.001
- Maximum Permissible Shear Stress = 108 Pa (2.25 lbs/ft<sup>2</sup>)
- C32BD meets all requirements established in the FHWA FP-03 as a Type 4 erosion control blanket for use on slopes with gradients of 1:1 (h:v)
- Manning’s “n” = 0.027

#### Standard Roll Details

Width	2.44m (8 ft)
Standard Length	34.3m (112.5 ft)
Area	83.61m <sup>2</sup> (100 yd <sup>2</sup> )
Weight	30.8 kg (68 lb)

#### “Big Daddy” Roll Details

Width	2.44m (8 ft)
Standard Length	171.5m (562.5 ft)
Area	418m <sup>2</sup> (500 yd <sup>2</sup> )
Weight	154.2 kg (340 lb)

More information available upon request.