



## Specification Sheet

# SC32BD

The SC32BD 100% biodegradable blanket from ErosionControlBlanket.com is manufactured from 70% agricultural straw and 30% 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 “S”, “C”, and “3” represent straw and 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 SC32BD is packaged in yellow shrink-wrap with a green band and includes installation instructions.

### Design Values

- “C” factor = 0.002
- Maximum Permissible Shear Stress = 96 Pa (2.00 lbs/ft<sup>2</sup>)
- SC32BD meets all requirements established in the FHWA FP-03 as a Type 3B erosion control blanket for use on slopes with gradients of 1.5:1 (h:v)
- Manning’s “n” = 0.03

### Standard Roll Details

Width	2.44m (8 ft)	4.88m (16 ft)
Standard Length	34.3m (112.5 ft)	34.3m (112.5 ft)
Area	83.61m <sup>2</sup> (100 yd <sup>2</sup> )	167.22m <sup>2</sup> (200 yd <sup>2</sup> )
Weight ± 10%	30.8 kg (68 lb)	61.6 kg (136 lb)

### “Big Daddy” Roll Details

Width	2.44m (8 ft)	4.88m (16 ft)
Standard Length	102.8m (337.5 ft)	102.8m (337.5 ft)
Area	250.8m <sup>2</sup> (300 yd <sup>2</sup> )	501.6m <sup>2</sup> (600 yd <sup>2</sup> )
Weight ± 10%	92.5 kg (204 lb)	185 kg (408 lb)

More information available upon request.