



Specification Sheet

S32BD

The S32BD 100% biodegradable blanket from ErosionControlBlanket.com is manufactured from 100% agricultural straw stitched with cotton thread between two leno woven biodegradable jute nets with a mesh size of 2.5 x 1.3 cm (1.0 x 0.5 in). The “S” and “3” represent straw applied at a minimum of 270 g/m² (0.5 lbs/yd²) and the “2” represents that the blanket is netted on the top and bottom sides. The functional longevity of the blanket is 3-12 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 S32BD is packaged in clear shrink-wrap with a green band and includes installation instructions.

Design Values

- “C” factor = 0.005
- Maximum Permissible Shear Stress = 84 Pa (1.75 lbs/ft²)
- S32BD meets all requirements established in the FHWA FP-03 as a Type 2D erosion control blanket for use on slopes with gradients not exceeding 2:1 (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 ² (100 yd ²)	167.22m ² (200 yd ²)
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 ² (300 yd ²)	501.6m ² (600 yd ²)
Weight ± 10%	92.5 kg (204 lb)	185 kg (408 lb)

More information available upon request.