Erosion Control
BLANKET

Installation Instructions

Stenlog 12”

Soil Preparation

1. Proper site preparation is essential to ensure complete contact of the Stenlog with the soil.

2. The slope should be prepared to receive the surface mulching/re-vegetation treatment prior to installation of the erosion control and sediment retention Stenlog.

3. Remove all rocks, clods and vegetation or other obstructions so that the installed Stenlog will have direct contact with the soil.

4. A small trench 2-5cm (1-2 inches) in depth should be excavated on the slope contour and perpendicular to water flow. Soil from the excavation should be placed up slope next to the trench.

Installation

1. Install the Stenlogs in the trench, insuring that no gaps exist between the soil and the bottom of the Stenlog. The ends of the adjacent Stenlogs should be tightly abutted so that no opening exists for water or sediment to pass through. Alternatively, Stenlogs may be lapped 150 mm (6 inches) minimum to prevent sediment passing through the field joint.

2. Wooden stakes should be used to fasten the Stenlog to the soil. When conditions warrant, a straight metal bar can be used to drive a “pilot hole” through the Stenlog and into the soil.

3. Wooden stakes should be place 150 mm (6 inches) from the Stenlog end angled towards the adjacent wattle and spaced 1 to 1.2 meter (3-4 feet) center leaving less than 3-5 cm (1-2 inches) of stake exposed above the Stenlog. Alternatively, stakes may be placed on each side of the Stenlog tying across with a natural fiber twine or staking in a crossing manner ensuring direct soil contact at all times.

4. Terminal ends of Stenlog should be dog legged up the slope to ensure containment and prevent channeling of sedimentation.

5. Place the excavated soil on the up stream side of the Stenlog and lightly compact to insure Stenlog soil contact. Care shall be taken during installation to avoid damage occurring to the Stenlog as a result of the installation process. Should the Stenlog be damaged during the installation, cut out the damage area and tie off making that portion the terminal end of the Stenlog.

Remove Debris

Dig Shallow Trench

Good Stenlog/Soil Contact

Secure with stakes

Dog leg terminal ends

Overlap Sections 6 “ (min)