

TECHNICAL DATA SHEET

Sedimat
Standard Size - 4' x 10'

Sedimat is a biodegradable pad which is laid singly or in a group on a streambed immediately downstream of the site to be disturbed. Sediment disturbed by the construction is carried along the streambed by the current until it encounters the mat.

- 2 Layers of 10oz Burlap**
- 1 Layer of Excelsior**
- 1 Top layer of Jute Mesh**
- 3 Hardwood Stakes (1¼" x 48")**

INSTALLATION

SEDIMAT should be installed flat on the streambed immediately before instream activities are scheduled to occur. They should be placed as close to the disturbance as possible without getting in the way of operations. It is wise to discuss mat placement with equipment operators, foremen, etc., so the mats do not interfere with or become damaged by construction equipment. The mats may be held in place with either stones or stakes. Make sure that the upstream edge of each mat is in contact with the streambed. If the upstream edge is not tight to the streambed, sediment moving along the bed will simply pass under the mats and not be trapped. A number of flat stones laid along the upstream edge of the mats works well at holding the edge of the mat down.

The number of mats that protect a site will depend upon stream width, water velocity, distribution of the sediment fines, and the amount of disturbance. We recommend the installation of mats all the way across the stream. Faster moving water requires a greater area of coverage than slower moving water. Streambeds with silt and clay instead of sand and gravel require more coverage. SEDIMAT is designed primarily for coarse-bottomed streams and is most effective at trapping sand.



MINIMUM LENGTH OF DOWNSTREAM COVERAGE SUGGESTED (in feet)

	Water Velocity (feet per second)			
	0.0 - 1.0	1.0 - 2.0	2.0 - 3.0	>3.0
Fines, mostly sand	4 feet	8 feet	12 feet	>16 feet
Fines, mostly silt and clay	8 feet	16 feet	24 feet	>32 feet