

### WOVEN JUTE

#### Material Storage

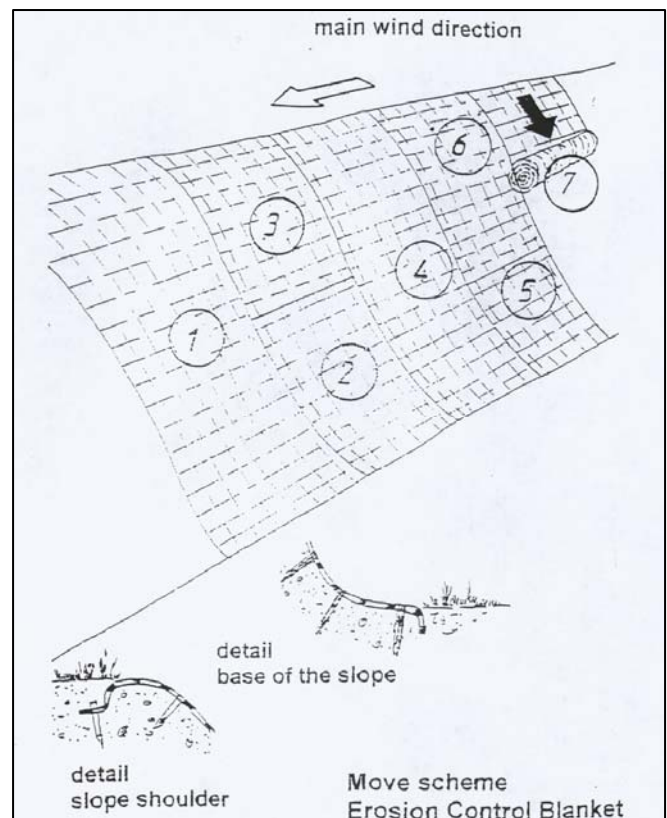
1. Jute mesh should never be stored if damp as this will lead to microbial action, decay and loss of strength.
2. If the material has to be stored outside prior to installation, it should be protected against rainfall and kept clear of the ground to allow air circulation.
3. Dry jute is flammable and must be stored in an appropriate zone in the storage yard.
4. Storage for prolonged periods requires attention to temperature, humidity, air circulation and stacking to minimise risk of moisture gain in the jute.

#### Installation

1. Jute is used where soil surfaces require protection from erosion prior to the establishment of vegetation cover. It is ideally suited for the protection of shallow slopes.
2. Prior to installation, the slope subgrade and topsoil should be worked to a fine tilth, free of clods and large stones. The surface should be raked and graded to an even surface free of depressions or projections.
3. Grass seed (or fertiliser when required) should be distributed evenly over the prepared soil.
4. When ground cover or shrubs are used, a cross should be cut into the jute where the ground cover or shrub is to be planted and the loose ends of the jute to be tucked round the side of the hole and covered when backfilling around the plant. (This eliminates any fixing pins in this area and helps to hold the jute in position prior to it biodegrading).
5. Jute should be applied by unrolling down the slope, wherever possible. However, if it is found for ease of installation that the jute can be taken along the slope starting from the bottom, the next section of jute installed should be lapped over the top.
6. Jute should be secured with wire staples, at least 150 mm long, driven normally to the plane of the slope at 1 m centres, along the lap at the edge of the jute.
7. The jute should be laid in a manner to ensure it is always in contact with the surface of the slope. Special care should be taken when laying in wet weather, since if the jute is laid taut it may pull up from the ground surface due to shrinkage upon drying

8. At the crest and toe of the slope the jute must be anchored by burial in a trench approximately 300 mm deep and a spade width. Alternatively, where trenching is not practical, additional anchorage may be achieved by installing staples through a folded edge along the crest and toe.
9. Longitudinal edges are overlapped by not less than 50 mm and staples at 1 m centres. Closer stapling should be considered where there is increased risk of wind lifting.
10. Roll junctions are made by lapping the end of the upslope roll 200 mm over the top of the downslope roll and securing with a row of staples at this junction.

Small plants or shrubs may be planted through the jute mesh after installation as detailed in Item 4.



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