

- General
- 1.0 - It combines the traditional three steps of vegetation on slope into one, i.e. installation of erosion control mat, lying of topsoil and Hydroseeding.
- Harishiba Mat system is a multi-layer composite erosion control mat that consists of layer of high strength PVC erosion control mat, second layer of bio-degradable non-woven fabric with fertilizer and vegetation seed.
 - It provides a fast and cost effective way to establish vegetation on slope and prevent surface soil from washing out.
- Materials
- 1.1 The Harishiba Mat comprises the following:-
- (i) Base layer of high strength PVC erosion control mat
 - (ii) Non-woven adhesive fabric with water retaining agent, fertilizer and vegetation seed.
- Specification
- 1.2 According to the Japan JIS L 1096 as followed
- Vertical Strength: 1.2 (KN/m)
 - Horizontal Strength: 0.2 (KN/m)
 - Rate of Elongation at Vertical: 15.7 %
 - Rate of Elongation at Horizontal: 88.9 %
- Applications
- 1.3 The Harishiba Mat can be apply to the following applications:
- Slope with soil nail head
 - Non-soil embankment
 - Steep gradient slope
 - Landslide area
- Packing
- | | |
|---------------------|-------------------|
| 1.4 Width: | 1 meter |
| Length | 10 meter |
| Quantity per Carton | 50 m ² |
- General Installation Work
- 1.5 For the Harishiba Mat is applied on the soil slope, the installation

work is followed:

- (i) The loose surface sand, stones covering the slope should be removed and surface irregularities should be corrected prior to the fixing of net.
- (ii) The side of the sod to which the seeds, fertilizer, and water-retaining agent are attached, must be laid so it faces downward.
- (iii) Fixing of sod by staple.
- (iv) The sodding must be stored in a dry, ventilated area, out of direct sunlight.

Benefit

- 1.6 - Conservation to natural environment
- Effective and immediate surface erosion control
- Fast and easy installation without machine
- Non-woven fabric to encourage the vegetation germination
- High strength of erosion control blanket