

Installation Guide

Natural Fibre Weed Matting

FutureFiber® Hemp & Dag Wool, EcoWool and EcoJute

Biodegradable weed matting offers effective weed control when installed and maintained correctly. As it naturally decomposes over time, it enriches the soil. It's essential to ensure proper installation to maximize its benefits.

General Guidelines

Site Preparation:

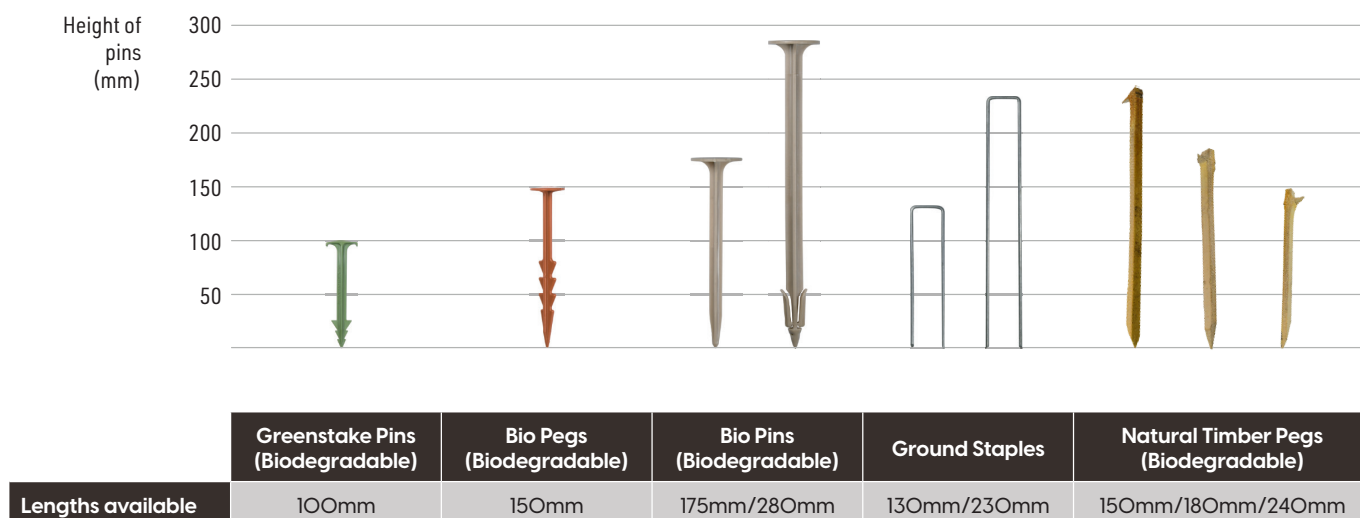
Before installing mulch matting or weed matting thorough eradication of weeds from the area to be covered is strongly recommended. We advise spraying the site with organic spray, allowing a day or two before installing the matting. Ensure the ground is cleared and any roots are removed.

Planting:

After installation, it's highly recommended to promptly introduce plants within 1-2 weeks, as this helps minimise the potential for weed infiltration. Planting vegetation not only adds aesthetic appeal but also offers natural shade, discouraging the growth of new weeds. Over time, the plants will thrive and form a dense canopy, further suppressing weed growth. During planting, use shears or a sharp pair of commercial scissors to create an inverted T-shaped opening, allowing easy insertion of the plant.

In areas with a history of weed infestation, it's advisable to close the hole around the plant with pins or stones to deter weed emergence.

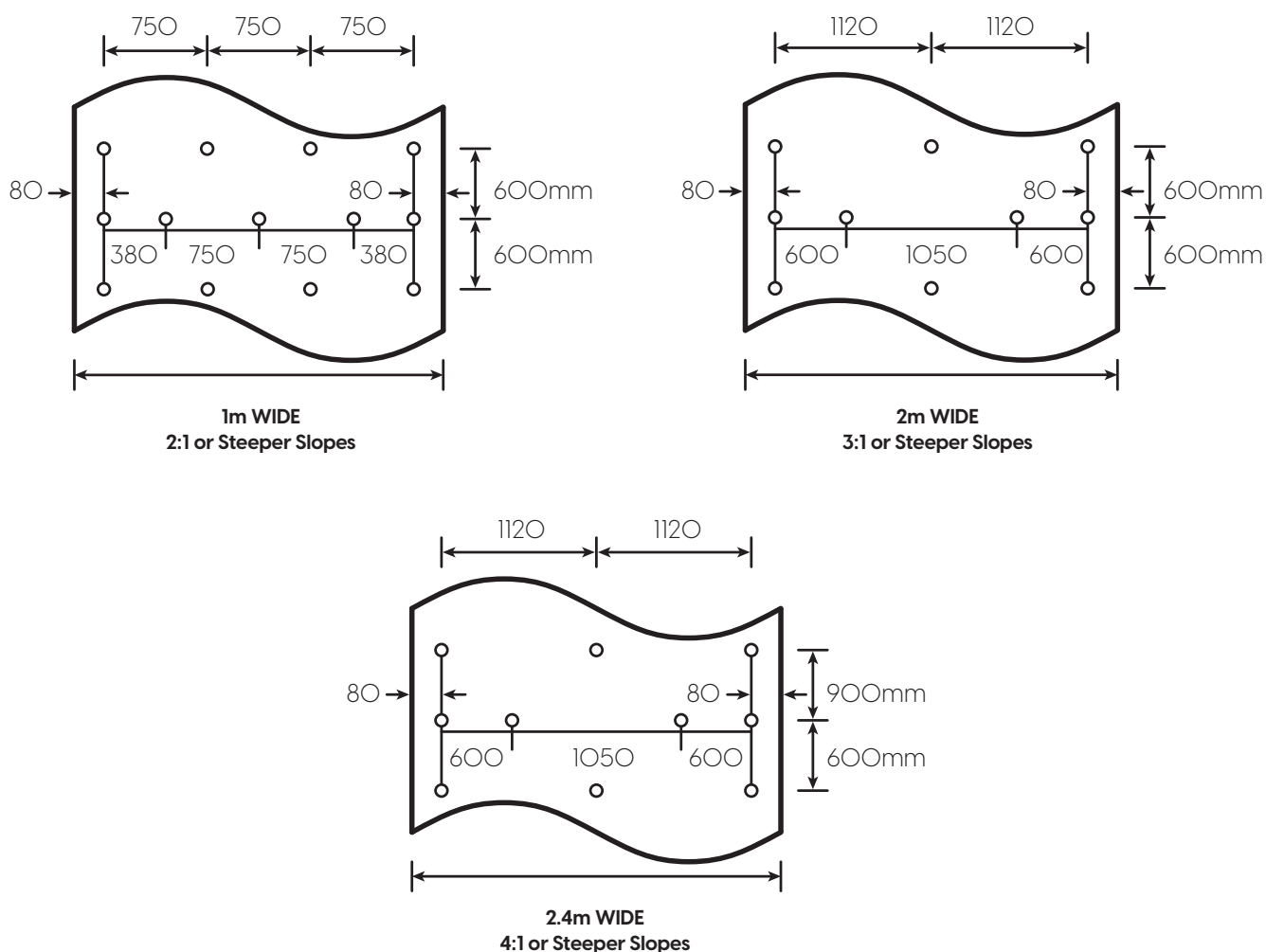
Anchoring:



Installation on Slopes

- Step 1:** Begin at the top of the slope and anchor blankets in a 300mm deep and 300mm wide initial anchor trench (see Fig. 2) and anchor with pins at 500mm spacing.
- Step 2:** Unroll blanket down slope in the direction of the water flow (see Fig.1). The blanket should not be stretched but should have full contact with the soil. Anchor blanket using pins or stakes. See "Pins Pattern Guide for Slopes" below.
- Step 3:** Overlap edges of adjacent parallel rolls by approximately 100mm and anchor with pins at 600-900mm spacing depending on the slope.
- Step 4:** When blankets have to be spliced, place upper blanket end over lower blanket end (shingle style) with 300mm overlap and anchor with two staggered rows of pins at 300mm spacing.
- Step 5:** Anchor, fill and compact ends of blankets in 300mm deep and 150mm wide terminal anchor trench. Anchor with pins at 500mm spacing (see Fig. 7).

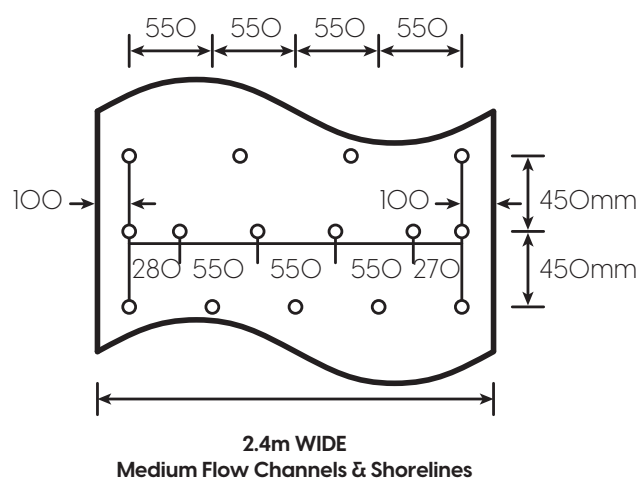
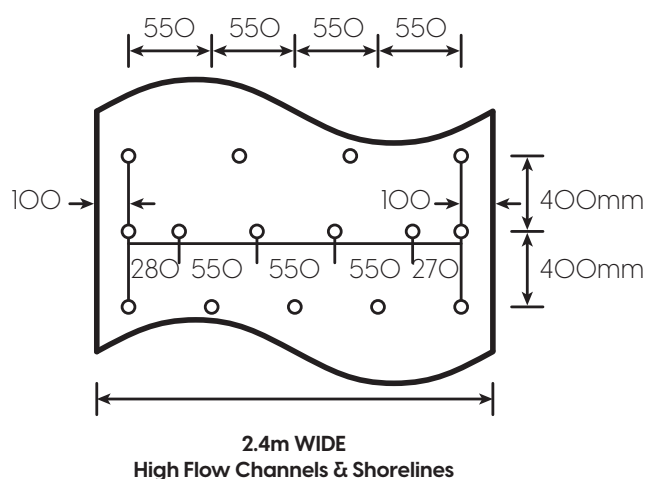
Pin Pattern Guide for Slopes



Installation in Channels

- Step 1:** Dig a 300mm x 300mm initial anchor trench at the upstream end (Fig. 4). If there is concentrated flow at channel entrance, it is recommended that the initial anchor trench be made at least 300mm upstream from the pipe opening. It is also recommended to adopt measures to reduce the velocity of flow at pipe opening.
- Step 2:** Dig intermittent check slots 150mm deep and 150mm wide across the channel at 7-15m intervals depending on the slope gradient of the channel (Fig. 5).
- Step 3:** Dig 150mm deep and 150mm wide longitudinal trenches at the top of side slopes to anchor the blanket edges (Fig. 6).
- Step 4:** Dig 300mm deep and 300mm wide terminal anchor trench at downstream end (Fig. 7).
- Step 5:** Install the first blanket in the initial anchor trench, upstream, in the center of the channel and anchor with two staggered rows of pins at 150mm spacing, backfill and compact. Do not stretch, but make sure there is full contact between blanket and soil.
- Step 6:** In the same manner, position adjacent blankets in the initial anchor trench overlapping the preceeding blanket a minimum of 200mm and anchor.
- Step 7:** Unroll center strip downstream.
- Step 8:** Unroll adjacent mats downstream in a similar fashion, maintaining a 200mm wide overlap. Anchor the overlapped area with pins at 400-450mm spacing depending upon the flow velocity.
- Step 9:** For anchoring the middle of the blankets see "Pins Pattern Guide for Channels" below.
- Step 10:** Secure the edges of the blankets along the longitudinal trenches on the top of slopes with pins at 300mm centers (Fig. 6).
- Step 11:** Fold and secure the matting snugly into all transverse check slots. Lay the matting in the bottom of the slot and then fold back against itself. Anchor through both layers of blanket at 150mm intervals then backfill and compact soil (Fig. 5).
- Step 12:** For noncritical installations, place two staggered rows of pins at 150mm spacing in lieu of check slots.
- Step 13:** When blankets need to be spliced, place upstream blanket over the downstream blanket with an overlap of at least 300mm. Use two staggered rows of pins at 150mm spacing.
- Step 14:** Anchor, fill and compact downstream end blankets in terminal anchor trench (Fig.7).

Pin Pattern Guide for Channels



Installation Guide for Slopes

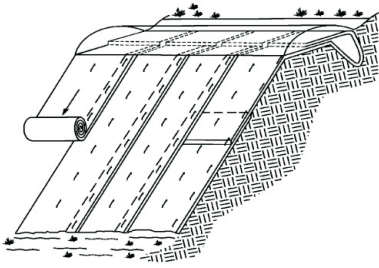


Fig. 1 Installation on slopes

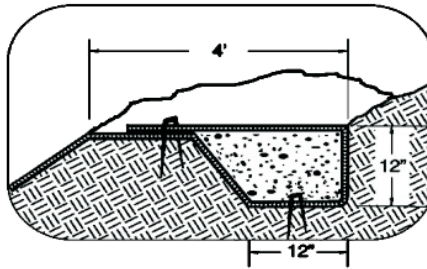


Fig. 2 Initial anchor trench for slopes

Installation Guide for Channels

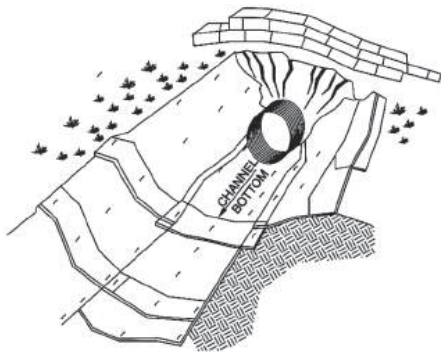


Fig. 3 Installation in channels

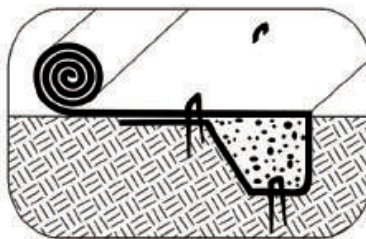


Fig. 4 Initial anchor trench for channels

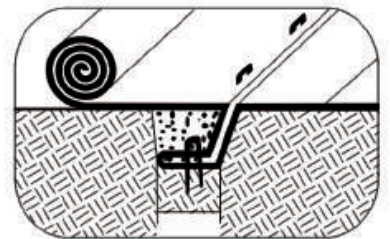


Fig. 5 Intermittent check slot

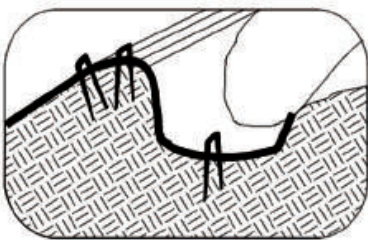


Fig. 6 Longitudinal anchor trench

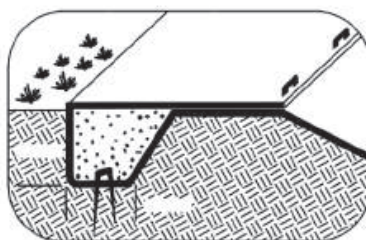


Fig. 7 Terminal anchor trench for slopes and channels

For further info or questions contact our friendly team

0800 600 789

sales@advancelandscape.co.nz

www.advancelandscape.co.nz