





# Fig 2 Use In Shaded

## Installation Guidelines

- 1. Select appropriate anchors for matting based on soil type and consistency (See Recommended Anchors table).
- 2. Prepare seedbed, create a smooth soil surface and eliminate any existing rills, soil clods, sticks or rocks larger than 2-inches in diameter.
- 3. Apply seed and fertilizer, and other amendments at the specified rates, either by broadcasting, drilling or hydro-seeding.
- 4. Position and anchor leading edge of mats at the top of, or over the shoulder of shoreline slope with one of the following acceptable methods:

### 4.1. 6-inch Covered Anchor Trench (Figure 1)

Vertical Roll Install

Construct a 6-inch wide by 6-inch deep anchor trench across the top width of the shoreline slope. Position the side edge of the mat (or leading edge for vertical installations) in the bottom of the trench, with the topside (simulated turf surface) facing down. Make sure mat roll is properly aligned with shoreline direction. Position any adjacent rolls according to Step 6, and anchor edges of all mats into bottom of trench on 1-foot centers. Backfill trench, compact soil and apply additional seed to compacted soil surface. Unroll material over compacted anchor trench (Fig 1).

Horizontal Roll Install

### 4.2. Double Row Anchor Check (Figure 2)

Where trenching is not practical or desired, an anchor check may be used to secure the leading edge of the mats. Position side edge of the mats (or leading edges for vertical installations) with the topside (simulated turf surface) facing up, ensuring that mat rolls are properly aligned with shoreline direction. Position any adjacent rolls according to Step 6. Secure side, or leading edges, of mats with a row of anchors spaced 6-inches apart, with a staggered second row of anchors spaced 6-inches apart, approx. 4 to 6-inches behind the first row.

- 5. Anchor mat body (Figure 3), unroll material across (horizontally) or down (vertically) the shoreline slope face, slightly stretch and relax mat to remove any wrinkles. Let unrolled mats rest in sunlight for a minimum of 15 minutes to normalize surface temperature before anchoring. Starting from the anchored end or edge, fasten with anchors on 1.5-foot centers according to Figure 3. Use additional anchors as necessary to smooth any remaining wrinkles and ensure that mat is in intimate contact with underlying soil surface.
- 6. Seam adjacent rolls (Figure 3), by butting roll edges together and anchor on 1.5-foot centers (Fig 3). A small gap of less than ½ inch at the seam between rolls is acceptable and will not affect performance.
- 7. Anchor roll edges (horizontal install) or roll ends (vertical install) directly in the wave impact zone with a Double Row Anchor Check (see Figure 2).
- 8. Anchor terminal roll edges or ends at, or below, low waterline with one of the following acceptable methods:

# 8.1. 6-inch Anchor Trench (Figure 4)

Construct a 6-inch wide by 6-inch deep anchor trench and fasten edge of mats into the bottom with anchors spaced 1-foot apart. Backfill trench, compact soil and apply additional seed (if desired) to compacted soil surface. (Figure 4)

### 8.2. Single Row Anchor Check (Figure 5)

Where trenching is not practical or desired, an anchor check mat be used to secure the mat edges. Secure edges of mats with a single row of anchors spaced 6-inches apart. (Figure 5)

# Additional Tips for Fast & Effective Installation

- Install mat with simulated turf on top and fabric backing against soil surface.
- · For best vegetative results, do not install on top of any additional erosion control blanket, TRM, or fabric.
- Continuous fabric contact with the underlying soil surface is very important for effective product performance. Unroll mat and let rest in sunlight for a minimum of 15 minutes to normalize surface temperature before anchoring the mat body. Work out any wrinkles in the material before anchoring. If wrinkles remain, additional anchors may be necessary to ensure good fabric-to-soil contact.
- In bends or reaches that are not straight, miter cut roll joints to prevent wrinkles in material.
- Use a heavy-duty utility knife or commercial-grade shears to cut material as necessary.
- . When seaming cut roll ends or edges, DO NOT OVERLAP. Simply butt together cut ends or edges and seam together with a single row of anchors, spaced 6-inches apart.

Effective Date: AUG 2019





