



FLEXAMAT CHANNEL - LAYOUT PERPENDICULAR TO FLOW

CONSTRUCTION NOTES:

1. AN AUTHORIZED MANUFACTURERS REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
2. GRADE CHANNEL SO THAT WATER WILL FLOW DOWN CENTER OF THE CHANNEL AND BE CONTAINED TO THE CHANNEL. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND.
3. PRIOR TO FLEXAMAT PLUS INSTALLATION, SEED AND FERTILIZE SUBGRADE WITH SITE SPECIFIC SEED MIX.
4. INSTALL FLEXAMAT PLUS ROLLS THAT ARE 15.5' WIDE WITH A 12" GEOGRID EXTENSION AND 6" PLUS UNDERLAYMENT EXTENSION.
 - 4.1. INSTALL MATS SO THAT THE MATTING EXTENDS PAST THE CREST OF EITHER SIDE SLOPE FOR SLOPES STEEPER THAN 2:1, AND EMBED EDGE IN AN 12" VERTICAL ANCHOR TRENCH. MATS SHALL BE CONTINUOUS SECTIONS ACROSS THE CHANNEL, INCLUDING AREAS PAST CREST OF SIDE SLOPES.
 - 4.2. FOR SLOPES LESS THAN 2:1, OUTSIDE LONGITUDINAL EDGES SHALL BE EMBEDDED IN A 12" 45 DEGREE ANCHOR TRENCH.
 - 4.3. INSTALLATION STARTS AT THE DOWN CHANNEL END AND MOVES UP THE CHANNEL, WORKING TOWARDS THE START OF CHANNEL OR OUTLET STRUCTURE. INSTALL UP CHANNEL MATS OVER THE GEOGRID/UNDERLAYMENT EXTENSIONS OF DOWNSTREAM MATS. ENSURE EXTENSIONS ARE LAYING FLAT ON SUBGRADE AND UNDER MAT.
5. INSTALL 18" U-ANCHORS (FOR COHESIVE SOILS) IN 2' INCREMENTS BEHIND ANCHOR TRENCH AND ACROSS MAT ABUTMENT SEAMS. INSTALL ANCHORS DIRECTLY BEHIND FIRST BLOCK OF THE UP CHANNEL MAT. U-ANCHORS SHALL ENCOMPASS 2 CORDS OF GEOGRID FROM BOTH MATS. INSTALL 20" STAINLESS STEEL ZIP TIES (FOR NON-COHESIVE SOILS) IN 1' INCREMENTS ACROSS MAT ABUTMENT SEAM. ZIP TIE SHALL ENCOMPASS A MINIMUM OF THREE CORDS OF GRID OF EITHER MAT AT ABUTMENT SEAMS.
6. AT THE LEADING EDGE OF ARMORED CHANNEL, EMBED MAT 18" IN A VERTICAL ANCHOR TRENCH. FILL AND COMPACT ANCHOR TRENCH WITH COHESIVE SOIL. AT ENDING EDGE OF PROTECTION, INSTALL 18" TERMINATION TRENCH AS DETERMINED BY THE ENGINEER OF RECORD.

**MOTZ
ENTERPRISES, INC.**

Flexamat

(513) 772-6689

Info@Flexamat.com

Flexamat.com

