

SPECIFICATIONS FOR SUPPLY AND PLACE EROSION CONTROL BLANKET1298. 1. Scope

These specifications govern all operations necessary for, and pertaining to, the supply and placement of Erosion Control Blanket as classified herein.

3. Materials

All types of erosion control blankets used must be approved as identified on the Department's Product Standards List or be approved for use by the Department to qualify for use on the project. The type of blanket shall be indicated on the Detailed Design Drawings.

If the product is not on the Department's Product Standards List, a sample of the product along with the product specification sheet must be supplied to the Department prior to approval. Erosion control blanket shall be stored in such a manner as to protect the material from damage and deterioration from natural elements.

7. Construction Methods

7.1 Placement in Channels

The Contractor shall place Erosion Control Blanket as shown on the Detailed Design Drawings. The blanket shall be rolled out in the direction of the water flow. The upper edges of the blanket on the side slopes and the edges at the terminal ends of the installation shall be placed in a 150 mm x 150 mm trench. The upper edges shall be stapled at 1 000 mm intervals and the terminal edges shall be stapled at 300 mm intervals within the trench. The trench shall be then be backfilled and compacted. The side and end seams shall be overlapped edge over edge (shingle style) with an overlap of 150 mm. The side seams shall be stapled at 1 000 mm intervals and the end seams shall be stapled at 300 mm intervals. At 10 m intervals, the Contractor shall place a double row of staggered staples to secure the blankets. The staples shall be spaced 100 mm apart. The remainder of the blanket shall be stapled at a rate of four staples per m². The blanket may have to be trimmed to size to conform to the area to be covered.

Acceptance on the completion of the erosion control blanket will be in accordance with Specification No. 500.2.7.7

7.2 Placement on Slopes

After the final harrowing and seeding operation is complete, the Contractor shall supply and place Erosion Control Blankets in the areas as indicated on the Detailed Design Drawings. The Contractor shall place and anchor the blankets at the top of the slope, 0.5 m lower than the shoulder of the embankment slope and then roll the blanket down the slope. The upper edge of the blanket shall be buried in a 150 mm x 150 mm trench and stapled at 1 000 mm intervals. The trench shall then be backfilled and compacted. Side seams shall overlap by 150 mm and be stapled every 1 000 mm. End seams shall be overlapped 150 mm and then stapled every 300 mm. The remainder of the blanket shall be stapled at a rate of two staples per m². The blanket may have to be trimmed to size to conform to the area to be covered.

Acceptance on the completion of the erosion control blanket will be in accordance with Specification No. 500.2.7.7.

1298. 8. Method of Measurement

"Supply and Place Erosion Control Blanket" will be measured by the square metre based on the actual ground area covered.

9. Basis of Payment

The unit price for "Supply and Place Erosion Control Blanket" will be payment in full for supplying, installing, trimming, maintaining, handling and storage of the erosion control blanket and all operations necessary or incidental thereto.