

ITEM 09612.0402 M - FURNISHING AND INSTALLING TYPE I EROSION CONTROL BLANKET
ITEM 09612.0403 M - FURNISHING AND INSTALLING TYPE II EROSION CONTROL BLANKET
ITEM 09612.0404 M - FURNISHING AND INSTALLING TYPE III EROSION CONTROL BLANKET

Reason for DisApproval:

Standard book items (209) should be used.

This Spec is DisApproved.
Use Standard 209 Items

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DESCRIPTION:

The work under this item shall consist of preparing the ground surface and furnishing and placing excelsior erosion blankets on designated areas and caring for the work as specified.

MATERIALS:

Materials for this work shall meet the following requirements:

A. Excelsior Erosion Blanket. The excelsior blanket shall consist of a machine produced mat of curled wood excelsior of 80% 150 mm or longer fiber length, with consistent thickness and the fiber evenly distributed over the entire area of the blanket. Each blanket shall be covered with an extruded plastic mesh. The blanket shall be made smolder resistant without the use of chemical additives.

	TYPE I	TYPE II	TYPE III
Minimum Width	1,220 mm ± 25 mm	1,220 mm ± 25 mm	1,220 mm ± 25 mm
Weight per Square Meter	0.40 Kg. ± 10%	0.40 Kg. ± 10%	0.61 Kg. ± 10%
Mesh	1 Side, Biodegradable or photo degradable	2 Sided, Biodegradable or photo degradable	2 Sided Non- degradable or non-photo degradable

B. Wire Staples, Section 713-10.

CONSTRUCTION DETAILS:

A. Time of Placement. The time of placement shall be as specified or as ordered by the Engineer except that no materials shall be placed on frozen ground.

B. Ground Preparation and Installation. Areas to receive excelsior erosion blanket shall be shaped, graded and compacted to the lines and grades shown on the Plans or as directed by the Engineer.

Excelsior erosion blanket shall be placed after the ground surface has been seeded and fertilized in accordance with the specifications for seeding in the Contract. The area where excelsior erosion blanket is to be installed shall be exempt from mulching as specified under the Seeding item in the Contract.

When a blanket with mesh on one side is unrolled, the netting shall be on top and the fibers in contact with the soil over the entire area. In ditches the blanket shall be installed in the direction of the flow of water and ends and sides shall be overlapped a minimum of 0.15 meter. Staples shall be applied as per the manufacturers instruction for the type blanket and application of use. On slopes, the blankets shall be applied either horizontally or vertically to the slope. Ends and sides shall be overlapped or butted snugly and stapled as per the manufacturers directions for application. Up slope ends of blankets shall be covered or buried as per

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manufacturers directions for installation.

Spacings of staples shall be at the spacings and intervals directed by the manufacturer for the type of/or application of the blanket. Staples shall be driven vertically into the ground.

C. Care and Repair. The Contractor shall care for and maintain areas where excelsior erosion blanket is installation until a satisfactory stand of turf is established as determined by the Engineer in Charge, or the completion of the contract (whichever is later). Such care shall consist of repairing, regrading surface areas, seeding under Item 610.0203M "Establishment of Turf" and/or replacement of blanket areas damaged by vehicles, erosion, fire, or other causes as directed by and to the satisfaction of the Engineer. Where directed, the contractor shall reestablish the grade (if necessary) and perform the necessary work to restore the area to the same condition that existed prior to the damage incident. The cost of repairing or replacing areas of blanket damaged as a result of an event where the blanket has been properly installed and maintained in accordance with this specification and where stipulated, the Manufacturers instruction, shall be paid to the contractor at the bid price per square meter for this item as stipulated under "Method of Measurement". Damage resulting from the negligence of the contractor (eg; failure to perform periodic maintenance of the erosion blanket) shall be made at the contractor's expense.

METHOD OF MEASUREMENT:

The work for this item shall be measured in square meters of surface area where an erosion blanket has been properly installed.

BASIS OF PAYMENT:

Furnishing and placing excelsior erosion blanket shall be paid for at the unit price bid per square meter under the payment items listed, which payment will constitute full compensation for furnishing all labor, materials, equipment and incidentals necessary to complete and care for the work as specified except for establishing turf, will be paid for under the seeding item in the Contract.