

## MATERIAL SPECIFICATION

### **802. EXCELSIOR BLANKETS**

#### 1. SCOPE

This specification covers the quality of excelsior blankets and staples.

#### 2. EXCELSIOR EROSION CONTROL BLANKETS

The blanket shall consist of a machine produced mat of curled wood excelsior and shall be furnished in rolls and meet the following minimum requirements:

- a. Width - 48 inches, + or - 1 inch.
- b. Length - approximately 180 feet.
- c. Weight - 0.8 lbs. per square yard, + or - 10%.
- d. Fiber length - 80% shall be 6 inches or longer.
- e. Fiber dimension - 0.021 inch x 0.042 inch, + or - 25%.
- f. The top of each blanket shall be covered with 1 x 2 inch extruded plastic mesh.
- g. Blankets shall be smolder resistant and shall meet the test of no-flame or smolder for more than a distance of 12 inches from a spot where a lighted cigarette is placed on the blanket's surface.
- h. All material shall be new and unused and the length shall be marked on each roll.

#### 3. STAPLES

"U" shaped wire staples of 0.12 inch in diameter (No. 11 wire gage) or greater, with a minimum leg length of 6 inches and minimum crown of 1 inch shall be used. In sandy soils the minimum leg length of staples shall be 9 inches.