

GUIDELINES — FOR PROJECTS REQUIRING TEMPORARY SILT FENCE TYPE B.

S303L00-1014

VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
TEMPORARY SILT FENCE TYPE B

March 10, 2014

I. DESCRIPTION

This work consists of installation, maintenance and removal of a temporary sediment barrier consisting of a geotextile with wire-fence reinforcement stretched across and attached to supporting posts and entrenched.

II. MATERIALS

The geotextile shall be a pervious sheet of propylene, nylon, polyester or ethylene yarn in accordance with Section 245 of the Specifications. The geotextile shall conform to the physical requirements provided below:

- Filtering Efficiency – 75% (minimum)
- Flow Rate – 0.2 gallon/square foot/minute (minimum)
- Ultraviolet Radiation – ASTM-G-26 90% (minimum)

Posts must have a minimum weight of 1.33 pounds per linear foot and have a minimum length of 5 feet.

The wire fence shall be a minimum of 14 gauge and shall have a mesh spacing of 2 inches by 4 inches. Alternative mesh spacing may be approved by the Engineer, but shall be no more than 6 inches by 6 inches.

III. INSTALLATION

The silt fence type B shall be placed at the locations shown on the plans and in accordance with the approved working drawings. The height of the silt fence type B geotextile shall be 24 inches above the original ground surface and the wire fence shall be 30 inches above the ground surface. The geotextile shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are unavoidable, geotextile shall be spliced together only at a support post, with a minimum 6-inch overlap, and securely sealed by double folding ends together.

The silt fence type B shall be removed when it has served its useful purpose, but not before the upslope areas have been permanently stabilized.

IV. MEASUREMENT AND PAYMENT

Silt fence type B will be measured in linear feet from edge of the fence to edge of fence. Silt fence type B will be paid for at the contract unit price per linear foot, which shall be full compensation for furnishing, installing, maintaining and removing all materials necessary to complete the work.

Payment will be made under:

Pay Item	Pay Unit
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*These SPECIFICATIONS REVISIONS are subject to change on short notice.

Temporary Silt Fence Type B

Linear Foot

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