

2214 - SILT FENCE

SECTION 2114

SILT FENCE

2114.1 DESCRIPTION

This specification is applicable to the use of a geotextile as a vertical, permeable interceptor designed to remove suspended soil from overland water flow. The function of a temporary silt fence is to filter and allow settlement of soil particles from sediment laden water.

2114.2 REQUIREMENTS

a. Geotextile Fabric for Temporary Silt Fence. Provide material that complies with AASHTO M 288 for unsupported silt fence, with 4 ft. maximum post spacing. Actual post spacing is as shown in the Contract Documents.

b. Posts. Provide wood, steel, or synthetic posts of sufficient strength to resist damage during installation and to support the applied loads. Length is to be as shown in the Contract Documents. Hardwood posts having dimensions of at least 1 3/16 x 1 3/16 inch, No. 2 Southern Pine at least 2 5/8 x 2 5/8 inch or steel posts of U, T, L, or C shape, weighing 1.33 lbs per foot minimum are satisfactory.

c. Prefabricated Silt Fence. Prefabricated silt fence systems that comply with geotextile fabric and posts in subsection 2114.2a. and 2114.2b.

2114.3 TEST METHODS

As specified in AASHTO M 288.

2114.4 PREQUALIFICATION

None Required.

2114.5 BASIS OF ACCEPTANCE

a. Geotextile for silt fence. Receipt and approval of a Type D certification as specified in **DIVISION 2600**, and visual inspection at the point of usage.

b. Posts. Visual inspection for condition and dimensional requirements at the point of usage.