

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF MATERIALS TECHNOLOGY
7450 Traffic Drive, Building #4
Hanover, MD, 21076

**PROCEDURE FOR THE QUALIFICATION OF
SOIL STABILIZATION MATTING**

The Maryland Department of Transportation State Highway Administration (MDOT-SHA) maintains a Qualified Products List (QPL) which includes qualified Soil Stabilization Matting (SSM) for Types A, B, C, D, and E. Soil Stabilization Matting (SSM) for Types A, B, C, D, and E shall conform to [Section 920.05](#) of MDOT-SHA's Standard Specifications for Construction and Materials.

If you are interested in having your product qualified, visit [Maryland's Product Evaluation Listing \(MPEL\)](#) and select VENDOR REGISTRATION to begin.

When your registration has been accepted, you will receive an email requesting submission of the following information into MPEL:

SSM Types A, B, and E require the following information:

1. Certification that the product was tested by American Association of State Highway and Transportation Officials (AASHTO) – National Transportation Product Evaluation Program (NTPEP) for the following criteria:
 - Thickness
 - Mass per Unit Area
 - Tensile Strength
 - Light Penetration

2. Certification that the product was tested for large scale results by Geosynthetic Institute Accredited or other approved laboratory for the following:
 - Slope Erosion – C Factor
 - Shear for 0.5 in. Soil Loss

SSM Types C and D shall be tested by an independent laboratory to confirm conformance with [Section 920.05](#). Certified letter with test results must be provided by independent laboratory on company letterhead certifying compliance.

After the requested information is accepted, you will be required to submit a sample of the product to be evaluated.

Samples should be representative of normal production. There is no limit to the number of mattings allowed to be submitted for qualification.

Approved products are required to continue to meet specifications. Materials used based on Certificates of Compliance may be sampled and tested after qualification. Products found not in compliance with contract requirements or specifications will be subject to rejection whether in place or not. Samples of the product **may be taken** by the Administration periodically to ensure quality assurance and quality control.

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Inform the Administration immediately of any changes in the composition of the product. After MDOT-SHA has reviewed the changes, a new sample(s) may be requested to be submitted along with the information above.

Materials/Products representing revised formulations/standards of currently approved products will not be approved for testing within six months of the most recent evaluation unless requested by the Administration.

Materials/Products evaluated and not approved are not eligible for resubmission within six months of the most recent examinations unless requested by the Administration.

Producers are required to recertify their products every 3 years in order to remain on the QPL beginning January 2015. Cost reimbursement of \$50.00 will be applied for the Recertification process.

Submit a certified letter on manufacturer's letterhead stating that the product formulation has not changed. Also submit a current MSDS and current test results. Samples will be requested as needed.