

ALABAMA DEPARTMENT OF TRANSPORTATION
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-24
TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRODUCTS

1. **Materials:** Flow Baffles, Manufactured Inlet Protection Devices, Wattles, Flocculants, and Tied Concrete Blocks intended to provide temporary/permanent protection of slopes and/or channels against the hydraulic erosive forces of precipitation, sheet flow, and/or channel flow. Turbidimeters intended to provide a means of evaluating the effectiveness of temporary measures.
2. **Specification:**
Section 610 – LIST II-24.2.1
Section 665 – LIST II-24.1.1 – 24.1.6
3. **Jurisdiction:** Product Evaluation Board
Construction Bureau – Temporary E&SC Products
Design Bureau – Permanent E&SC Products
4. **Job Acceptance Requirements:** No job control samples necessary if the product performs satisfactorily.
5. **Project Manager's Responsibility:** Check and assure that the materials are on the approved list.
6. **Producer's Initial Requirements:** Companies wishing to have a product evaluated for placement on this list must submit an ALDOT New Product Evaluation Request Form and fees according to ALDOT procedure BMTP-355 to the ALDOT Product Evaluation Board along with the following:
 - 6.1 Manufacturer's product literature including brochures, specifications, and installation, application or operating instructions.
 - 6.2 If a field test is required to fully evaluate product performance, the producer shall provide all materials and labor required for installation.
 - 6.3 *Flow Baffles* – Test reports ASTM D 5261 and state the Open Area (%) as determined by physical measurement.
 - 6.4 *Manufactured Inlet Protection Devices* – Test reports ASTM D 4632, ASTM D 4491, ASTM D 4751, and ASTM D 4355 at 500 hours for the device filter fabric.
 - 6.5 *Wattles* – Test reports ASTM D 7208 and ASTM D 7351.
 - 6.6 *Flocculants* – Material Safety Data Sheets and a 7-Day Chronic Ceriodaphnia Reproduction Test Report.
 - 6.7 *Turbidimeters* – If a field demonstration is requested, the producer shall send a technical representative with all required equipment and accessories to conduct a training class on proper operation.
 - 6.8 *Tied Concrete Block* – All mats must be installed with the manufacturer's recommended underlayments/backings for site specific conditions. All mats and accompanying underlayments/backings shall have a minimum shear stress capacity of 10 pounds per square foot as tested per ASTM D6460. Prior to installation, the contractor shall submit documentation from the manufacturer, indicating the product meets the requirements for approval by the Engineer.
7. **Producer's Maintenance Requirements:** Companies with products on this list will be expected to comply with the following to remain on the list:
 - 7.1 Produce the same quality and composition of material as the material supplied for the original evaluation.
 - 7.2 Provide only approved products to Department projects.
 - 7.3 Provide manufacturer's installation, application, or operation instructions and labels clearly identifying the product.
 - 7.4 Promptly report to the Department any changes in company name, product name, company address, or company ownership.
 - 7.5 Notify the Department of any changes in production of the product including a change in manufacturing plant location. Any alteration that could change the product physically or chemically will require a reevaluation of the product.
8. **Laboratory Testing:** The Department may make selected verification tests of the product to assure compliance with the Department's specifications.
9. **Contractor's Requirements:** All contractors will be responsible for purchasing and using only approved products.
10. **Removal of Products:** Products may be removed from this list for any of the following:
 - 10.1 Mislabeling products or substitution of products other than those originally submitted and approved.
 - 10.2 Failure to comply with any of the Department's requirements for this type of material.
 - 10.3 Failure to perform satisfactorily on the job.
11. **Correspondence:** All correspondence concerning this list should be directed to:

ALDOT Product Evaluation Board
3704 Fairground Road
Montgomery, AL 36110