

ALABAMA DEPARTMENT OF TRANSPORTATION
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-10

MEMBRANES FOR WATERPROOFING BRIDGE DECKS, JOINTS, AND
CRACKS IN CONCRETE PAVEMENT

1. **Material:** Membranes for waterproofing joints and cracks in the pavement, before overlaying with asphalt and products for waterproofing concrete structures such as retaining walls.
2. **Specification:** Sub-Article 454.02(e) for sealing joints and cracks in concrete pavement, Item 515.01(b) 4., For waterproofing concrete structures.
3. **Jurisdiction:** Product Evaluation Board, Chemical Laboratory
4. **Job Acceptance Requirements:** No Job Control samples required if material works satisfactorily.
5. **Project Engineer's Responsibility:** Check and assure that the materials are on the approved list.
6. **Producer's Initial Requirements:** Companies wishing to have products evaluated for placement on this list should furnish the Department's Product Evaluation Engineer with the following:
 - 6.1 Name and address of the company producing the product
 - 6.2 A certified test report showing actual test results for all requirements in the specifications.
 - 6.3 A sample of one square meter of the material to be evaluated.
 - 6.4 A standard material safety data sheet for the product
 - 6.5 Submittal and testing fees according to Department procedure ALDOT-355.
7. **Producer's Maintenance Requirements:** Companies with products on this list will be expected to comply with the following to stay on the list:
 - 7.1 Produce the same quality of material as the material supplied for the original evaluation.
 - 7.2 Provide only approved products to Department projects.
 - 7.3 Promptly report to the Department any changes in company name, product name, company address or company ownership.
 - 7.4 Notify the Department of any changes in production of the product. Any alteration that will change the product chemically or physically will require a reevaluation of the product.
- 7.5 Promptly report to the Department any changes to the manufacturer's Build America, Buy America (BABA) compliant Status
8. **Laboratory Testing:** The Department may make selected verification tests of the product to insure compliance with the Department's Specifications.
9. **Field Testing:** Products meeting the requirements of Sub-Article 454.02(e) may be used in waterproofing structures (Item 515.01(b) 4.). If products are made to other specifications, but still serve as waterproofing materials, they will be required to undergo a field demonstration to prove their acceptability. The field evaluation will be conducted for a six month period. This test may be waived if the manufacturer has test data from other states showing the product's reliability.
10. **Contractors' Requirements:** The prime contractor will be responsible for purchasing and using only approved products.
11. **Removal of Products:** Products may be removed from this list for any of the following:
 - 11.1 Mislabeling products or substitution of products other than those originally submitted.
 - 11.2 Failure to meet the Department's requirements for this type of material.
 - 11.3 Failure to work satisfactorily on the job.
 - 11.4 A change that will affect the manufacturer's BABA status requirement(s) will result in either (1) the product being removed from the approval list or (2) will remain on the approval list and will be labeled as non-compliant and can be used on non-federal funded projects.
12. **Correspondence:** All correspondence concerning this list should be directed to the following:

Product Evaluation Board
Alabama Department of Transportation
3704 Fairground Road
Montgomery, AL 36110