

ALABAMA DEPARTMENT OF TRANSPORTATION  
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-7

EPOXY RESIN SYSTEMS FOR USE WITH PORTLAND CEMENT CONCRETE

1. **Material:** Epoxy resin systems for use with Portland cement concrete.
2. **Specification:** Article 870.03
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. Materials not on this list must be tested. Testing takes a minimum of three weeks to complete.
  - 5.1 Verify that the shelf life of the material has not been exceeded and that the material is in good condition.
  - 5.2 Verify that the contractor uses the correct temperature classification material for the existing weather conditions.
  - 5.3 Verify that the material is blended in the correct proportions and mixed to a consistent blend.
  - 5.4 Prohibit the use of material that has exceeded its pot life.
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 The type, grade and class for which the material is to be evaluated
  - 6.3 A standard material safety data sheet
  - 6.4 One sample of four-liters
  - 6.5 A product data sheet describing mixing and application instructions
  - 6.6 A certified test report with actual test data for all chemical and physical requirements for the type, grade and class of epoxy being tested.
  - 6.7 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 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 that the material meets current specifications.
9. **Contractors' Requirements:** The prime contractor 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.
  - 10.2 Failure to comply with any of the Department's requirements for this type of material.
  - 10.3 Failure to work satisfactorily on the job.
  - 10.4 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
11. **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